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Model reporting area
for blindness statistics
1967 annual report

Statistics for 1967 on Blindness in the Model Reporting Area

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Public Health Service
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Statistics for 1967 on Blindness in the Model Reporting Area

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service
National Institutes of Health
National Eye Institute
Section on Blindness Statistics

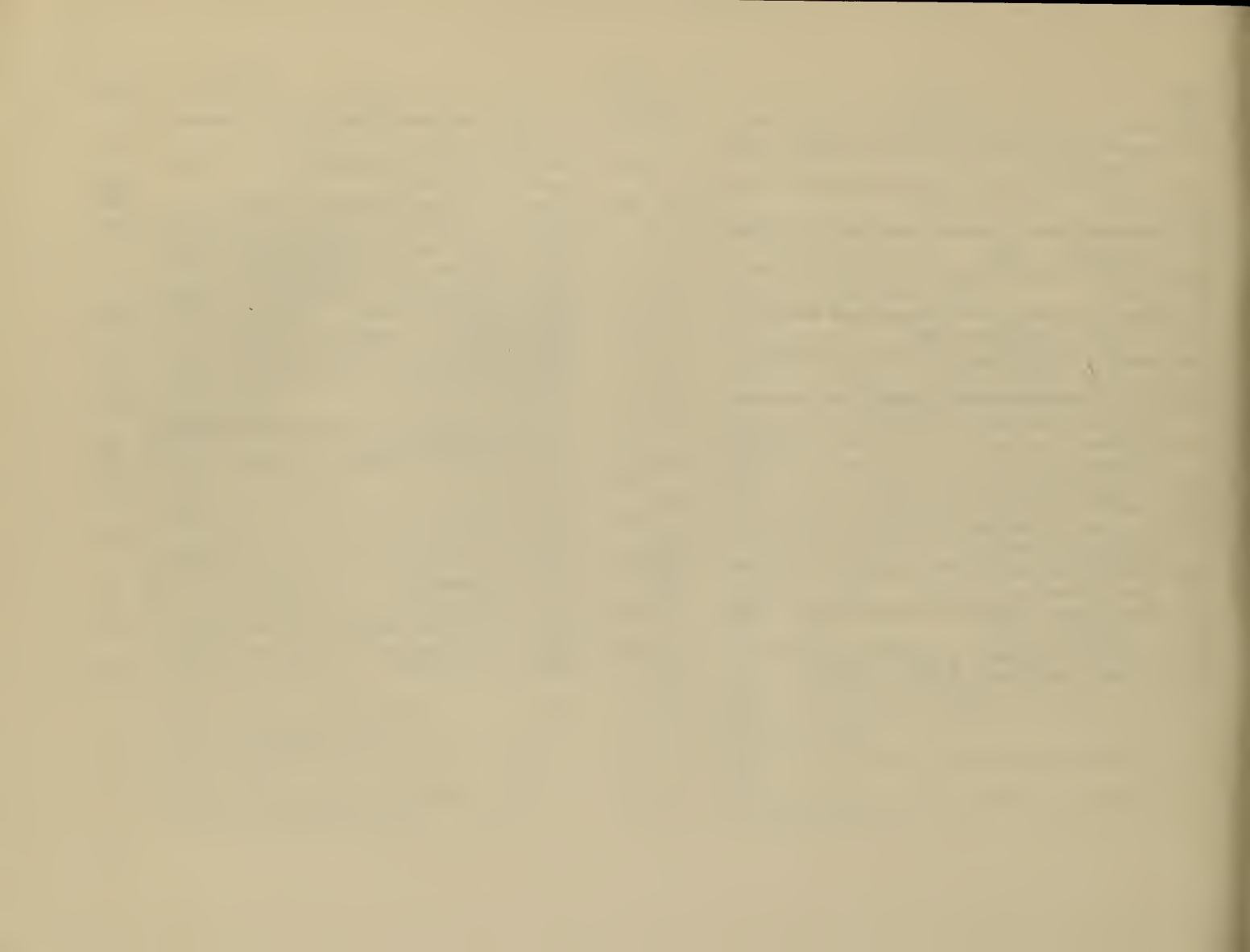
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Statistics for 1967 on Blindness in the Model Reporting Area (MRA)

Introduction

This report contains statistics on registration of blind persons in MRA states. It presents detailed data for registrations in 1967, summary data by year for registrations in 1962-1967, and the total population of each MRA state in 1967.

The detailed data for 1967 indicate additions to MRA registers and register prevalence by various characteristics of blind persons, and removals from registers by removal reason.

The summary data for 1962-67 reflect register incidence and prevalence by year for this period.

Register incidence and prevalence rates included in both the detailed data for 1967 and the summary data for prior years were based on each State's estimated population for the respective year.

Historical note

MRA was initiated in 1962 by the National Institute of Neurological Diseases and Blindness (NINDB) in cooperation with the National

Society for the Prevention of Blindness, the American Foundation for the Blind, and the Division of Chronic Disorders, U.S. Public Health Service. In 1968 NINDB's name was changed to National Institute of Neurological Diseases and Stroke (NINDS) when the U.S. Congress enacted legislation creating a separate National Eye Institute (NEI).

Reporters to registers

Eye examiners, eye clinics, hospitals, homes for aged, nursing homes, friends of the blind and the blind themselves report blind persons to registers.

Table types

Each table in this report classifies register incidence, register prevalence, or removals from registers by two variables, for example, visual acuity by age. It indicates number of persons, number per 100,000 population or percents of various totals. Thus, this report has number, rate and percent tables.

Data classification in tables

This report classifies registered blind persons in 11 ways as follows:

<i>Classification</i>	<i>Categories in classification</i>
Color/sex:	Male, female, white, white male, white female, nonwhite, nonwhite male, nonwhite female, unknown color, unknown color male, or unknown color female.
State:	Connecticut, Georgia, Kansas, Louisiana, Massachusetts, New Hampshire, New Jersey, New Mexico, North Carolina, Oregon, Rhode Island, South Dakota, Utah, Vermont, or Virginia.
Age as of 1967 (years):	Under 5, 5-19, 20-44, 45-64, 65-74, 75-84, 85 and over, or unknown.

<i>Classification</i>	<i>Categories in classification</i>
Age when blinded (years):	At birth, under 5, 5-19, 20-44, 45-64, 65-74, 75-84, 85 and over, or unknown.
Visual acuity:	Absolute blindness, light perception, light projection, less than 5/200, 5/200 to less than 10/200, 10/200 to less than 20/200, 20/200, restricted field, or unknown.
Eye examiner discipline:	Ophthalmologist or eye-ear-nose-and-throat (EENT) specialist, other MD, optometrist, other, or unknown.
Affection (site and type):	Glaucoma (not congenital), myopia, keratitis, other affection of cornea or sclera, cataract, uveitis, retrolental fibroplasia, retinal degeneration, other retinal affection, optic nerve atrophy, multiple affection, other, or unknown.
Etiology (cause of affection):	Infectious disease, injury or poisoning, neoplasm, diabetes, senile degeneration, vascular disease, other general disease, prenatal influence, multiple etiology, unknown to science, or not reported or determined.
Multiple ¹ affection:	Glaucoma and other, Cataract and other, Retinal affection and other with diabetic etiology, Retinal affection and other without diabetic etiology, Degenerative myopia and other, or Other
Removal reason:	Death, left State, sight restored, unable to locate, or other.
Year:	1962, 1963, 1964, 1965, 1966, or 1967.

¹ Multiple affection does not include multiple congenital ocular malformation, injury to more than one part of an eye, or multiple affection in which the first cause of blindness is known.

Zeroes in tables

A zero indicates absence of quantity. A rate or a percent for a zero quantity is designated as

0. A percent which was less than .5 was rounded to 0.0. A rate which was less than .05 was rounded to 0.0.

Percentages and population figures which did not add to totals in tables

Components, in some cases, did not add to 100 percent because percents were rounded to the nearest tenth.

Totals for population figures differed from the sum of their components because both the totals and the components were rounded to the nearest thousand.

Not-computed rates in tables

Rates were not computed in some cases for one of three reasons. A dash (—) in place of a particular rate indicates that the estimated population (including both sighted and blind) on which the rate should be based had less than 25,000 people in 1967. A single asterisk (*) indicates that age was unknown for more than 10 percent of the registered blind in that State. Double asterisks (**) indicate that color was unknown for more than 10 percent of the registered blind in the State or age group.

Definitions

Visual acuity: The sharpness or clearness of vision is subdivided herein into seven groups as follows:

<i>Visual acuity</i>	<i>Its implications</i>
Absolute blindness.....	Cannot perceive light. Total visual loss or zero visual capability.
Light perception only.....	Has faulty light projection. Can perceive light but cannot locate it.
Accurate light projection only.	Can perceive light and locate it.

<i>Visual acuity</i>	<i>Its implications</i>
Less than 5/20.....	Can perceive motion or form. Can count fingers when less than 3 feet away from them.
5/200 to less than 10/200..	Can count fingers when 3 feet to less than 10 feet away from them.
10/200 to less than 20/200..	Can count fingers when 10 feet away from them.
20/200.....	Minimum visual loss (or maximum visual capability) to be classified blind or legally blind. Can count fingers when more than 10 feet away from them.

Even if visual acuity exceeded 20/200, a person was classified blind, if visual field was at or below 20 degrees. Some very young and very old persons were classified blind on the basis of clinical impression even when their visual acuity was unknown or imprecisely measured.

The report, therefore, presents data for nine visual groups, including seven visual acuity groups, unknown or imprecisely measured visual acuity, and visual field at or below 20 degrees.

Visual acuity was reported to registers as 20/200, 10/200, etc. The numerator is the distance from the eye to the chart from which the eye reads letters of various sizes. The denominator can be considered the smallest size of letter read. The numerical value of the denominator represents the distance (in feet) at which elements of the letter subtend a 5-minute angle. Normal vision is 20/20. The numerator indicates that the chart was 20 feet from the eye. The denominator indicates that the smallest letters read subtended a 5-minute

angle when 20 feet from the eye. The fraction 20/200 means that the chart was 20 feet from the eye (numerator), and the smallest letters read from 20 feet subtended a 5-minute angle when 200 feet from the eye. The fraction 10/200 means that the chart was 10 feet from the eye and the smallest letter that could be read subtended a 5-minute angle when 200 feet from the eye.

When visual acuity is expressed in decimals, 20/20 is 1, 20/40 is .5, etc. The fraction 20/40 does not mean that vision is half normal.

Visual field: Area in which a test object can be seen while fixation of the eye is directed to one point.

Blind: Distance visual acuity in better eye with best correction at or below 20/200 or visual field at or below 20 degrees.

Affection: The condition of the eye, optic pathway, or oculomotor centers that led to blindness given as site affected and affection type. The affections reported to registers in 1967 were assigned to 13 categories.

Site usually is the anatomic location of a lesion that reduced visual acuity. For example, interstitial keratitis is inflammation of the cornea's connective tissue layer. Optic neuritis is inflammation of the optic nerve.

Etiology: An affection's basic cause. The etiologies reported to registers in 1967 were assigned to 11 categories. Tuberculosis can cause interstitial keratitis. Multiple sclerosis can cause retrobulbar neuritis.

Age as of 1967: This is the person's estimated age in years as of 1967.

Age when blinded: This is the person's estimated age in years at onset of blindness.

Color/sex: The person's color which is white,

nonwhite, or unknown, and the person's sex which is male or female.

MRA: A voluntary association of States, each maintaining a blindness register in a single agency and adhering to specified standards. An MRA State uses the definition of blindness presented in this report. It collects specified information for each registered person, updates its register annually, classifies affections with a prescribed 3-digit code, and their etiologies with a prescribed 4-digit code. It forwards punched cards to NEI each year for preparation of statistics such as published herein.

Register: A set of prescribed records, containing one record for each blind person.

Registered person's record: A record indicating birth date, age when blinded, eye examination date, addition to register type, addition to register date, and removal from register date. It also indicates removal reason, eye examiner discipline, distance visual acuity, affection, etiology, sex, race, residence county, and register number or social security number.

Addition to register: Establishes a record for a person reported to the register. Such record is supposed to be established when the person becomes blind according to the definition of blindness used in this report. Delayed detection of blindness and/or its delayed reporting, delays record establishment.

New addition to register: An addition not previously registered. New additions for 1967 represented 96.7 percent of total additions.

Readdition to register: The addition to a register of a person who had been removed from it either for leaving the State or for restoration of sight. Readditions for 1967 represented 3.3 percent of total additions.

Gross addition to register: The sum of all persons added to a register in 1967.

Removal from register. The removal of a record from the register due to inability to locate person, death, departure from State, restoration of vision above blindness level, or discovery that addition resulted from administrative error.

Net addition to register: The difference between gross additions and removals. Since MRA States added 6,337 persons to their registers in 1967 and removed 5,787 persons from them, the net addition was 550.

Blindness incidence: The population that was blinded in 1967. Additions to a register in 1967 included persons blinded in previous years, and blind persons who migrated into the State. Some persons blinded in 1967 were not added to a register. Consequently, additions were not equal to actual blindness incidence.

Register prevalence as of December 31, 1967: Total population in a register as of December 31, 1967.

Blindness prevalence as of December 31, 1967: The number of blind people in a State as of December 31, 1967. The latter was not equal to the actual registered population because some blind persons were not in the register, and some registered persons were no longer qualified to be in the register due to death, vision recovery, or departure from State.

Blindness rate: The number of blind persons per 100,000 resident population. For example, the number of blind females per 100,000 females or the number of blind males per 100,000 males.

Rates are presented for additions to registers in 1967 and for the total registered population as of December 31, 1967. These rates are indicated by state and entire MRA for various groupings of blind persons.

The additions to a register per 100,000 population, and the number of registered persons as of December 31, 1967 per 100,000 were calculated from figures in this report.

A State's registered blind rate per 100,000 of its population was calculated from its enumerated population as of April 1, 1960 and its estimated population as of July 1, 1967, both obtained from U.S. Census Bureau publications.¹ The percent of the State's total population that each color, age, and sex represented was calculated for 1960. Its total estimated population as of July 1, 1967 was multiplied by these percents to estimate each category's population for 1967. A category's population was divided into its registered blind population and quotient was multiplied by 100,000 to obtain its registered blind rate.

Addition rates for 1967

Since MRA States added 6,337 persons to their registers in 1967 and removed 5,787 from them, these registers increased by 550 persons that year. The additions for 1967 represented 15.1 persons per 100,000 population.

Females exceeded males, old persons the young, and nonwhites the whites as to addition rates per 100,000 population of each type mentioned. Rates increased with age because much blindness results from processes associated with aging. The nonwhite rate was almost double the white rate.

¹ Enumerated population as of April 1, 1960 from U.S. Census Bureau Publication General Population Characteristics PC(1), Vol. B., Census of Population for 1960. Estimated population as of July 1, 1967 from U.S. Census Bureau current population reports, Series P-25, No. 414, January 28, 1969.

Visual acuities in additions for 1967

Only 6.5 percent of the additions were totally blind. About 29 percent had a distance visual acuity of 20/200. This is the maximum visual acuity for a person added to a register on the basis of impaired visual acuity. Approximately 46 percent had a 10/200 or greater visual acuity. They could count fingers which were 10 feet away from them and therefore could perform a variety of activities for which sight is required.

Age when blinded in additions for 1967

Some additions for 1967 were blinded in that year while others were blinded in previous years. The age when a person was blinded is difficult to determine and therefore was reported poorly to registers. Age when blinded was unknown in 35.7 percent of the additions for 1967.

Additions for 1967 which were coded for affection and etiology

Readditions were not coded. New additions were coded only if examined by an ophthalmologist or an eye-ear-nose-and-throat specialist. Both the affection of an addition and the etiology of the affection were coded. An affection was assigned to one of 13 groups and an etiology to one of 11 groups. These affection and etiology groups have been listed in the text which discusses data classifications in tables.

Affections in additions for 1967

The 13 affections to which the additions were coded occurred at differing rates.

Retinal degeneration was the most common affection in the additions for 1967.

Cataract, an affection which is correctible by surgery in most cases, was the second most

common affection. Other retinal affection ranked third and glaucoma was fourth.

These four leading affections combined accounted for 59.2 percent of the additions.

Optic nerve atrophy was more frequent among males than females. Cataract, on the other hand, was more frequent among females.

Optic nerve atrophy occurred in a higher percent of young persons than old persons. Glaucoma, as is well known otherwise, occurred in a higher percent of old persons.

Glaucoma was more frequent among non-whites than whites. However, retinal degeneration and other retinal affection were more frequent among white persons.

Retrolental fibroplasia reduced visual acuity to no light perception in 28.6 percent of its total additions. Smaller percentages were reported for other affections.

Glaucoma was the affection which had the highest proportion of its additions resulting from restricted visual field. Such additions represented 27.8 percent of all glaucoma additions.

Etiologies in additions for 1967

Senile degeneration was the leading etiology. Not reported or determined and prenatal influence were second and third, respectively.

Unknown to science was fourth.

These four leading etiologies accounted for 72.9 percent of the additions.

Injury or poisoning blinded a higher percent of males than females in both whites and non-whites. Diabetes, however, was reported for a higher percent of females.

Prenatal influence and injury or poisoning were reported primarily for young additions. Diabetes was reported most frequently for ages 20-74. Senile degeneration, unknown to science,

and not reported or determined were the most frequent etiologies for additions whose age exceeded 64.

Injury or poisoning, a preventable etiology, blinded 28.7 percent of its additions totally, leaving them with no light perception. It reduced the distance visual acuity to 20/200 in 13.7 percent of its additions.

Total blindness (no light perception) was reported for 18.4 percent of the additions coded to neoplasm.

A visual acuity of less than light projection was reported in 42.4 percent of the 236 additions resulting from neoplasm or from injury or poisoning.

Most frequent etiologies of most frequent affections in additions for 1967

Senile degeneration was the most frequent etiology of retinal degeneration and of cataract. Diabetes was the leading etiology of other retinal affection. Unknown to science was the only etiology coded for glaucoma.

Multiple affections and multiple etiologies in additions for 1967

An addition was coded to a multiple affection group if it was impossible to determine which of two or more affections in an eye was primary, viz, the affection which reduced visual acuity in that eye to 20/200 or restricted the visual field to 20 degrees.

A multiple affection was coded to a multiple etiology or a single common etiology, and no single affection was coded to a multiple etiology. For this reason, multiple affections were reported for 9.9 percent of additions for 1967 and multiple etiologies for 5.9 percent. Thus, 4 percent of total additions had multiple affec-

tions which resulted from a single common etiology. These figures show that about 60 percent of the additions with multiple affections had multiple etiologies.

Register prevalence rates as of December 31, 1967

MRA registers had 61,548 persons as of December 31, 1967, which was 146.4 persons per 100,000 population.

Males and females had about the same register prevalence rate, viz, the number of males per 100,000 males was about the same as the number of females per 100,000 females. Both sexes had their lowest rates when their age was less than five. These rates increased sharply with age. Males had higher rates than females to age 74, after which the females had a higher rate. Ages 85 and over had a rate of 3062.4 which was 20 times the 146.4 rate for all persons in the registers.

For nonwhites the register prevalence rate was 1.9 times the rate for whites.

Since some State registers underestimated their blindness rates, whereas others overestimated theirs, the MRA register prevalence rate may approximate the MRA blindness prevalence rate better than a State's register prevalence rate approximated its blindness prevalence rate.

Visual acuities in registers as of December 31, 1967

The most frequent visual acuity in the registers was 20/200. About 11.5 percent of the

registered persons were totally blind (no light perception), 12.9 percent had light perception or projection, 5.7 percent had a restricted visual field, and 8.5 percent were presumed blind although eye examiners could not examine them adequately or did not report their visual acuity. Males and females did not differ significantly from each other as to visual acuity. However, severe loss of visual acuity was more common in nonwhites than in whites.

Visual acuities in additions for 1967 and in registers as of December 31, 1967

No light perception (total blindness) was reported in 6.5 percent of register incidence for 1967 and in 11.5 percent of register prevalence as of December 31, 1967. Thus, the percent of register prevalence reported as totally blind was nearly 1.8 times the percent of register incidence reported as totally blind. In 1966, 5.2 percent of register incidence and 11.7 percent of register prevalence were totally blind.

The other visual acuities occurred at about the same rate in the registers and in additions.

Blindness incidence/prevalence not same as register incidence/prevalence

It is important to note that the register population differs from the blind population, register additions differ from additions to the blind population, and register removals differ from removals from the blind population. These quantities differ both in composition and

size, but the differences in size and composition are both unknown.

For the following reasons, a state's blindness incidence for 1967, differed by an unknown magnitude from the additions to its register. It is often difficult or impossible to determine in what year a person was blinded. A person was not necessarily blinded in the year that the blindness was detected or the year in which it was reported to the register. A blind person migrating into a State in 1967 and reported to its blindness register then is a register incidence for 1967 but not a blindness incidence. Sighted persons erroneously added to a blindness register represent pseudo-blindness incidence.

Register prevalence was different from blindness prevalence because some blind persons were not in the register for various previously cited reasons, and some of the persons in the register were not qualified to be in it. They should have been removed from the register for various reasons cited earlier herein.

Statistics for years before 1967

Statistics similar to those presented in this report have been published by the National Institutes of Health since 1962. Free copies of these publications are obtainable until present supplies have been exhausted. Requests for these publications should be addressed to: Head, Section on Blindness Statistics, National Eye Institute, National Institutes of Health, Bethesda, Maryland 20014.

Table 1a.—Additions to MRA Registers, Removals from them, and Year-end Balances by State: 1966

State	Additions to MRA register		Removals from MRA register (number)	Population in register at year-end	
	Number	Rate ¹		Number	Rate ¹
MRA total.....	5,684	15.3	4,596	61,037	146.7
Connecticut.....	403	14.0	260	3,402	118.2
Georgia.....	(²)	(²)	(²)	5,055	113.7
Kansas.....	379	16.7	343	3,299	145.0
Louisiana.....	380	10.5	297	6,110	168.9
Massachusetts.....	1,011	18.7	983	9,741	180.3
New Hampshire.....	143	21.2	138	1,048	155.0
New Jersey.....	636	9.2	737	7,295	105.7
New Mexico.....	67	6.7	154	2,532	252.7
North Carolina.....	1,157	23.3	867	10,383	208.7
Oregon.....	453	23.0	298	2,489	126.2
Rhode Island.....	79	8.8	92	1,086	120.9
South Dakota.....	116	17.1	50	921	135.6
Utah.....	149	14.8	100	1,250	124.1
Vermont.....	79	19.2	60	695	169.1
Virginia.....	632	14.2	217	5,731	128.4

¹ Number per 100,000 population.

² Not available.

Table 1b.—Additions to MRA Registers, Removals from them, and Year-end Balances by State: 1967

State	Additions to MRA register		Removals from MRA register (number)	Population in register at year-end	
	Number	Rate ¹		Number	Rate ¹
MRA total.....	6, 337	15. 1	5, 787	61, 548	146. 4
Connecticut.....	431	14. 8	313	3, 522	120. 7
Georgia.....	553	12. 3	306	5, 312	118. 3
Kansas.....	386	16. 9	654	3, 031	132. 9
Louisiana.....	631	17. 2	436	6, 306	172. 2
Massachusetts.....	1, 045	19. 2	608	10, 120	186. 2
New Hampshire.....	141	20. 4	95	1, 096	158. 6
New Jersey.....	422	6. 0	283	7, 441	106. 6
New Mexico.....	80	8. 0	49	2, 561	255. 6
North Carolina.....	1, 187	23. 5	1, 056	10, 514	207. 8
Oregon.....	375	18. 9	287	2, 577	130. 1
Rhode Island.....	132	14. 7	72	1, 146	127. 2
South Dakota.....	71	10. 6	92	899	134. 6
Utah.....	155	15. 2	105	1, 300	127. 2
Vermont.....	94	22. 4	70	719	171. 2
Virginia.....	634	14. 0	1, 361	5, 004	110. 2

¹ Number per 100,000 population.

Table 2a.—Additions to Registers by Age and Color/Sex: 1967

Color/sex group	Age group								
	Total	Under 5	5-19	20-44	45-64	65-74	75-84	85 and over	Unknown
MRA total.....	¹ 6, 337	155	628	809	1, 587	964	1, 215	678	301
Male.....	2, 789	91	345	467	732	367	438	219	130
Female.....	3, 548	64	283	342	855	597	777	459	171
White.....	4, 447	91	404	548	992	721	1, 001	573	117
Male.....	1, 938	51	224	326	476	270	354	189	48
Female.....	2, 509	40	180	222	516	451	647	384	69
Nonwhite.....	1, 325	38	132	223	507	190	153	66	16
Male.....	594	23	73	114	211	81	62	20	10
Female.....	731	15	59	109	296	109	91	46	6
Unknown color.....	565	26	92	38	88	53	61	39	168
Male.....	257	17	48	27	45	16	22	10	72
Female.....	308	9	44	11	43	37	39	29	96

¹ Includes 6,130 new additions and 207 readmissions.

Table 2b.—Rate of Additions to Registers by Age and Color/Sex: 1967

(A rate for a color or sex for an age group is equal to 100,000 times the number of such persons added to MRA registers divided by the number of such persons in the MRA States.)

Color/sex group	Age group							
	Total	Under 5	5-19	20-44	45-64	65-74	75-84	85 and over
MRA total.....	15. 1	3. 2	5. 4	5. 9	19. 3	39. 5	118. 7	322. 9
Male.....	13. 5	3. 7	5. 8	7. 0	18. 3	33. 1	101. 2	277. 2
Female.....	16. 6	2. 7	4. 9	4. 9	20. 2	44. 8	131. 5	350. 4
White.....	12. 3	(**)	(**)	4. 6	13. 6	32. 9	107. 6	303. 2
Male.....	10. 9	(**)	(**)	5. 6	13. 4	27. 2	90. 8	270. 0
Female.....	13. 7	(**)	(**)	3. 7	13. 7	37. 7	119. 8	322. 7
Nonwhite.....	22. 6	(**)	(**)	12. 6	54. 9	75. 4	162. 8	(—)
Male.....	20. 9	(**)	(**)	13. 7	48. 0	69. 8	144. 2	(—)
Female.....	24. 2	(**)	(**)	11. 7	61. 2	80. 1	178. 4	(—)

— Not computed because the estimated total population of MRA States in 1967 was less than 25,000 for this age and color/sex group.

** Not computed because color was unknown for more than 10 percent of total additions in this group.

Table 3a.—Additions to Registers by Color/Sex and State: 1967

State	Color/sex group											
	MRA total			White			Nonwhite			Unknown color		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
MRA total.....	¹ 6, 337	2, 789	3, 548	4, 447	1, 938	2, 509	1, 325	594	731	565	257	308
Connecticut.....	431	175	256	360	142	218	30	15	15	41	18	23
Georgia.....	553	274	279	308	152	156	163	76	87	82	46	36
Kansas.....	386	161	225	339	136	203	35	18	17	12	7	5
Louisiana.....	631	311	320	369	174	195	245	128	117	17	9	8
Massachusetts.....	1, 045	435	610	778	324	454	41	13	28	226	98	128
New Hampshire.....	141	62	79	141	62	79	0	0	0	0	0	0
New Jersey.....	422	193	229	263	123	140	68	30	38	91	40	51
New Mexico.....	80	43	37	72	37	35	7	5	2	1	1	0
North Carolina.....	1, 187	491	696	656	277	379	525	211	314	6	3	3
Oregon.....	375	175	200	351	158	193	17	11	6	7	6	1
Rhode Island.....	132	57	75	126	55	71	5	1	4	1	1	0
South Dakota.....	71	33	38	56	27	29	9	5	4	6	1	5
Utah.....	155	64	91	149	60	89	6	4	2	0	0	0
Vermont.....	94	43	51	92	42	50	2	1	1	0	0	0
Virginia.....	634	272	362	387	169	218	172	76	96	75	27	48

¹ Includes 6,130 new additions and 207 readmissions.

Table 3b.—Rate of Additions to Registers by Color/Sex and State: 1967

(A rate for a color or sex in a State is equal to 100,000 times the number of such persons added to the MRA register divided by the number of such persons in the State.)

State	Color/sex group								
	MRA total			White			Nonwhite		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
MRA total.....	15.1	13.5	16.6	12.3	10.9	13.7	22.6	20.9	24.2
Connecticut.....	14.8	12.2	17.2	12.9	10.4	15.4	23.4	23.8	23.1
Georgia.....	12.3	12.5	12.1	(**)	(**)	(**)	(**)	(**)	(**)
Kansas.....	16.9	14.2	19.6	15.6	12.6	18.5	33.3	34.6	32.7
Louisiana.....	17.2	17.4	17.1	14.8	14.2	15.5	20.8	22.7	19.1
Massachusetts.....	19.2	16.6	21.7	(**)	(**)	(**)	(**)	(**)	(**)
New Hampshire.....	20.4	18.3	22.4	20.5	18.3	22.6	(—)	(—)	(—)
New Jersey.....	6.0	5.6	6.4	(**)	(**)	(**)	(**)	(**)	(**)
New Mexico.....	8.0	8.5	7.4	7.8	7.9	7.7	8.9	12.8	5.0
North Carolina.....	23.5	19.7	27.1	17.4	14.8	19.9	40.9	33.8	47.6
Oregon.....	18.9	17.7	20.1	18.1	16.4	19.8	41.5	(—)	(—)
Rhode Island.....	14.7	12.9	16.3	14.3	12.8	15.8	(—)	(—)	(—)
South Dakota.....	10.6	9.8	11.5	8.7	8.3	9.1	33.3	(—)	(—)
Utah.....	15.2	12.5	17.8	14.9	12.0	17.7	(—)	(—)	(—)
Vermont.....	22.4	20.8	23.9	22.0	20.4	23.5	(—)	(—)	(—)
Virginia.....	14.0	12.0	15.9	(**)	(**)	(**)	(**)	(**)	(**)

—Not computed because the State had less than 25,000 such people, including sighted and blind persons.

**Not computed because color was unknown for more than 10 percent of total additions to the State register.

Table 4a.—Additions to Registers by Age and State: 1967

State	Age group								
	Total	Under 5	5-19	20-44	45-64	65-74	75-84	85 and over	Unknown
MRA total.....	1 6, 337	155	628	809	1, 587	964	1, 215	678	301
Connecticut.....	431	17	69	48	77	61	94	63	2
Georgia.....	553	2	68	97	212	42	44	19	69
Kansas.....	386	6	26	40	66	66	113	63	6
Louisiana.....	631	23	91	99	231	63	59	36	29
Massachusetts.....	1, 045	25	67	90	193	185	269	123	93
New Hampshire.....	141	6	18	14	18	23	23	23	16
New Jersey.....	422	15	87	64	113	60	40	34	9
New Mexico.....	80	0	2	18	19	15	17	7	2
North Carolina.....	1, 187	26	83	131	321	243	248	132	3
Oregon.....	375	9	29	38	72	52	109	62	4
Rhode Island.....	132	7	8	17	30	28	28	12	2
South Dakota.....	71	3	5	12	16	10	16	4	5
Utah.....	155	2	5	22	24	24	49	28	1
Vermont.....	94	2	5	12	23	15	22	15	0
Virginia.....	634	12	65	107	172	77	84	57	60

¹ Includes 6,130 new additions and 207 readmissions.

Table 4b.—Rate of Additions to Registers by Age and State: 1967

(The rate for an age group is equal to 100,000 times the number of such persons added to the MRA register divided by the number of such persons in the State.)

State	Age group							
	Total	Under 5	5-19	20-44	45-64	65-74	75-84	85 and over
MRA total.....	15. 1	3. 2	5. 4	5. 9	19. 3	39. 5	118. 7	322. 9
Connecticut.....	14. 8	5. 3	9. 4	5. 0	12. 5	32. 4	123. 7	(—)
Georgia.....	12. 3	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Kansas.....	16. 9	2. 3	4. 3	5. 6	14. 6	42. 0	144. 9	(—)
Louisiana.....	17. 2	4. 8	8. 2	8. 7	34. 7	34. 8	78. 7	(—)
Massachusetts.....	19. 2	4. 3	4. 9	5. 3	16. 5	47. 0	156. 4	323. 7
New Hampshire.....	20. 4	(*)	(*)	(*)	(*)	(*)	(*)	(*)
New Jersey.....	6. 0	2. 0	5. 0	2. 7	7. 4	13. 5	23. 7	106. 2
New Mexico.....	8. 0	0	0. 6	5. 4	12. 6	40. 5	(—)	(—)
North Carolina.....	23. 5	4. 4	5. 3	7. 8	35. 9	103. 8	261. 1	(—)
Oregon.....	18. 9	4. 3	5. 3	6. 3	17. 2	38. 5	184. 7	(—)
Rhode Island.....	14. 7	7. 4	3. 5	5. 8	15. 5	45. 2	107. 7	(—)
South Dakota.....	10. 6	3. 7	2. 6	6. 2	12. 5	21. 7	(—)	(—)
Utah.....	15. 2	1. 4	1. 5	6. 9	14. 7	53. 3	(—)	(—)
Vermont.....	22. 4	4. 3	4. 2	9. 8	27. 1	51. 7	(—)	(—)
Virginia.....	14. 0	2. 3	5. 0	6. 8	21. 0	35. 2	90. 3	(—)

— Not computed because there were less than 25,000 such people in the State, including sighted and blind persons.

* Not computed because age was unknown for more than 10 percent of total additions to the State register.

Table 5a.—Additions to Registers by Visual Acuity and State: 1967

State	Visual acuity group									
	Total	Absolute blindness	Light perception	Light projection	Less than 5/200	5/200 to less than 10/200	10/200 to less than 20/200	20/200	Restricted field	Unknown
MRA total.....	¹ 6, 337	412	560	104	928	606	1, 114	1, 826	396	391
Connecticut.....	431	54	33	6	48	50	58	132	15	35
Georgia.....	553	65	58	7	91	38	62	145	43	44
Kansas.....	386	20	32	3	66	34	52	128	20	31
Louisiana.....	631	36	27	51	87	33	118	188	63	28
Massachusetts.....	1, 045	49	81	14	130	138	264	289	65	15
New Hampshire.....	141	15	12	0	18	12	31	39	4	10
New Jersey.....	422	40	50	14	56	35	61	117	18	31
New Mexico.....	80	7	13	0	5	1	2	26	3	23
North Carolina.....	1, 187	43	107	0	207	98	192	346	73	121
Oregon.....	375	17	42	0	58	36	81	99	39	3
Rhode Island.....	132	12	16	0	18	9	31	38	3	5
South Dakota.....	71	2	2	1	11	7	7	14	2	25
Utah.....	155	4	17	2	19	17	40	55	1	0
Vermont.....	94	3	5	0	12	10	16	29	10	9
Virginia.....	634	45	65	6	102	88	99	181	37	11

¹ Includes 6,130 new additions and 207 readmissions.

Table 5b.—Percent of State Totals by Visual Acuity in Additions to Registers: 1967

[Details may not add to totals due to rounding]

State	Visual acuity group									
	Total	Absolute blindness	Light perception	Light projection	Less than 5/200	5/200 to less than 10/200	10/200 to less than 20/200	20/200	Restricted field	Unknown
MRA total.....	100.0	6.5	8.8	1.6	14.6	9.6	17.6	28.8	6.2	6.2
Connecticut.....	100.0	12.5	7.7	1.4	11.1	11.6	13.5	30.6	3.5	8.1
Georgia.....	100.0	11.8	10.5	1.3	16.5	6.9	11.2	26.2	7.8	8.0
Kansas.....	100.0	5.2	8.3	.8	17.1	8.8	13.5	33.2	5.2	8.0
Louisiana.....	100.0	5.7	4.3	8.1	13.8	5.2	18.7	29.8	10.0	4.4
Massachusetts.....	100.0	4.7	7.8	1.3	12.4	13.2	25.3	27.7	6.2	1.4
New Hampshire.....	100.0	10.6	8.5	0	12.8	8.5	22.0	27.7	2.8	7.1
New Jersey.....	100.0	9.5	11.8	3.3	13.3	8.3	14.5	27.7	4.3	7.3
New Mexico.....	100.0	8.7	16.2	0	6.2	1.2	2.5	32.5	3.7	28.7
North Carolina.....	100.0	3.6	9.0	0	17.4	8.3	16.2	29.1	6.1	10.2
Oregon.....	100.0	4.5	11.2	0	15.5	9.6	21.6	26.4	10.4	.8
Rhode Island.....	100.0	9.1	12.1	0	13.6	6.8	23.5	28.8	2.3	3.8
South Dakota.....	100.0	2.8	2.8	1.4	15.5	9.9	9.9	19.7	2.8	35.2
Utah.....	100.0	2.6	11.0	1.3	12.3	11.0	25.8	35.5	.6	0
Vermont.....	100.0	3.2	5.3	0	12.8	10.6	17.0	30.9	10.6	9.6
Virginia.....	100.0	7.1	10.3	.9	16.1	13.9	15.6	28.5	5.8	1.7

Table 6a.—Additions to Registers by Visual Acuity and Color/Sex: 1967

Color/sex group	Visual acuity group									
	Total	Absolute blindness	Light perception	Light projection	Less than 5/200	5/200 to less than 10/200	10/200 to less than 20/200	20/200	Restricted field	Unknown
MRA total.....	1 6, 337	412	560	104	928	606	1, 114	1, 826	396	391
Male.....	2, 789	216	253	46	371	272	469	805	188	169
Female.....	3, 548	196	307	58	557	334	645	1, 021	208	222
White.....	4, 447	275	387	64	665	438	812	1, 304	243	259
Male.....	1, 938	146	180	30	269	200	336	562	113	102
Female.....	2, 509	129	207	34	396	238	476	742	130	157
Nonwhite.....	1, 325	95	127	36	200	112	192	361	117	85
Male.....	594	45	55	16	78	48	86	167	58	41
Female.....	731	50	72	20	122	64	106	194	59	44
Unknown color.....	565	42	46	4	63	56	110	161	36	47
Male.....	257	25	18	0	24	24	47	76	17	26
Female.....	308	17	28	4	39	32	63	85	19	21

¹ Includes 6,130 new additions and 207 readmissions.

Table 6b.—Percent of Color/Sex Totals by Visual Acuity in Additions to Registers: 1967

[Details may not add to totals due to rounding]

Color/sex group	Visual acuity group									
	Total	Absolute blindness	Light perception	Light projection	Less than 5/200	5/200 to less than 10/200	10/200 to less than 20/200	20/200	Restricted field	Unknown
MRA total.....	100.0	6.5	8.8	1.6	14.6	9.6	17.6	28.8	6.2	6.2
Male.....	100.0	7.7	9.1	1.6	13.3	9.8	16.8	28.9	6.7	6.1
Female.....	100.0	5.5	8.7	1.6	15.7	9.4	18.2	28.8	5.9	6.3
White.....	100.0	6.2	8.7	1.4	15.0	9.8	18.3	29.3	5.5	5.8
Male.....	100.0	7.5	9.3	1.5	13.9	10.3	17.3	29.0	5.8	5.3
Female.....	100.0	5.1	8.3	1.4	15.8	9.5	19.0	29.6	5.2	6.3
Nonwhite.....	100.0	7.2	9.6	2.7	15.1	8.5	14.5	27.2	8.8	6.4
Male.....	100.0	7.6	9.3	2.7	13.1	8.1	14.5	28.1	9.8	6.9
Female.....	100.0	6.8	9.8	2.7	16.7	8.8	14.5	26.5	8.1	6.0
Unknown color.....	100.0	7.4	8.1	.7	11.2	9.9	19.5	28.5	6.4	8.3
Male.....	100.0	9.7	7.0	0	9.3	9.3	18.3	29.6	6.6	10.1
Female.....	100.0	5.5	9.1	1.3	12.7	10.4	20.5	27.6	6.2	6.8

Table 7a.—Additions to Registers by Visual Acuity and Age: 1967

Age group	Visual acuity group									
	Total	Absolute blindness	Light perception	Light projection	Less than 5/200	5/200 to less than 10/200	10/200 to less than 20/200	20/200	Restricted field	Unknown
MRA total.....	¹ 6, 337	412	560	104	928	606	1, 114	1, 826	396	391
Under 5.....	155	26	31	6	10	5	8	6	1	62
5-19.....	628	50	44	4	40	50	98	255	29	58
20-44.....	809	68	67	15	110	66	127	237	77	42
45-64.....	1, 587	90	136	36	266	143	285	430	156	45
65-74.....	964	47	98	9	163	90	167	283	57	50
75-84.....	1, 215	59	96	14	195	146	248	338	49	70
85 and over.....	678	40	59	16	107	71	131	195	12	47
Unknown.....	301	32	29	4	37	35	50	82	15	17

¹ Includes 6,130 new additions and 207 readmissions.

Table 7b.—Percent of Age Group Totals by Visual Acuity in Additions to Registers: 1967

[Details may not add to totals due to rounding]

Age group	Visual acuity group									
	Total	Absolute blindness	Light perception	Light projection	Less than 5/200	5/200 to less than 10/200	10/200 to less than 20/200	20/200	Restricted field	Unknown
MRA total.....	100.0	6.5	8.8	1.6	14.6	9.6	17.6	28.8	6.2	6.2
Under 5.....	100.0	16.8	20.0	3.9	6.5	3.2	5.2	3.9	.6	40.0
5-19.....	100.0	8.0	7.0	.6	6.4	8.0	15.6	40.6	4.6	9.2
20-44.....	100.0	8.4	8.3	1.9	13.6	8.2	15.7	29.3	9.5	5.2
45-64.....	100.0	5.7	8.6	2.3	16.8	9.0	18.0	27.1	9.8	2.8
65-74.....	100.0	4.9	10.2	.9	16.9	9.3	17.3	29.4	5.9	5.2
75-84.....	100.0	4.9	7.9	1.2	16.0	12.0	20.4	27.8	4.0	5.8
85 and over.....	100.0	5.9	8.7	2.4	15.8	10.5	19.3	28.8	1.8	6.9
Unknown.....	100.0	10.6	9.6	1.3	12.3	11.6	16.6	27.2	5.0	5.6

Table 8a.—Additions to Registers by Age When Blinded and State: 1967

State	Age when blinded group									Unknown
	Total	At birth	Under 5	5-19	20-44	45-64	65-74	75-84	85 and over	
MRA total.....	¹ 6, 130	633	86	162	480	1, 083	632	659	206	2, 189
Connecticut.....	425	88	14	14	29	72	66	67	27	48
Georgia.....	553	31	2	7	20	42	5	0	1	445
Kansas.....	362	19	4	11	26	55	71	81	17	78
Louisiana.....	593	144	11	15	73	186	45	59	16	44
Massachusetts.....	1, 040	21	3	5	3	19	18	16	4	951
New Hampshire.....	133	15	1	1	3	10	9	9	4	81
New Jersey.....	393	55	10	23	48	78	35	25	11	108
New Mexico.....	79	5	2	3	4	3	3	1	0	58
North Carolina.....	1, 118	104	19	28	123	351	222	207	62	2
Oregon.....	367	20	6	11	34	58	46	67	24	101
Rhode Island.....	129	17	3	6	17	38	20	13	3	12
South Dakota.....	70	4	1	3	8	10	4	11	1	28
Utah.....	153	10	1	3	16	28	29	43	14	9
Vermont.....	94	8	2	5	8	27	15	17	8	4
Virginia.....	621	92	7	27	68	106	44	43	14	220

¹ Includes only new additions.

Table 8b.—Percent of State Totals by Age When Blinded in Additions to Registers: 1967

[Details may not add to totals due to rounding]

State	Age when blinded group									
	Total	At birth	Under 5	5-19	20-44	45-64	65-74	75-84	85 and over	Unknown
MRA total.....	100.0	10.3	1.4	2.6	7.8	17.7	10.3	10.8	3.4	35.7
Connecticut.....	100.0	20.7	3.3	3.3	6.8	16.9	15.5	15.8	6.4	11.3
Georgia.....	100.0	5.6	.4	1.3	3.6	7.6	.9	0	.2	80.5
Kansas.....	100.0	5.2	1.1	3.0	7.2	15.2	19.6	22.4	4.7	21.5
Louisiana.....	100.0	24.3	1.9	2.5	12.3	31.4	7.6	9.9	2.7	7.4
Massachusetts.....	100.0	2.0	.3	.5	.3	1.8	1.7	1.5	.4	91.4
New Hampshire.....	100.0	11.3	.8	.8	2.3	7.5	6.8	6.8	3.0	60.9
New Jersey.....	100.0	14.0	2.5	5.9	12.2	19.8	8.9	6.4	2.8	27.5
New Mexico.....	100.0	6.3	2.5	3.8	5.1	3.8	3.8	1.3	0	73.4
North Carolina.....	100.0	9.3	1.7	2.5	11.0	31.4	19.9	18.5	5.5	.2
Oregon.....	100.0	5.4	1.6	3.0	9.3	15.8	12.5	18.3	6.5	27.5
Rhode Island.....	100.0	13.2	2.3	4.7	13.2	29.5	15.5	10.1	2.3	9.3
South Dakota.....	100.0	5.7	1.4	4.3	11.4	14.3	5.7	15.7	1.4	40.0
Utah.....	100.0	6.5	.7	2.0	10.5	18.3	19.0	28.1	9.2	5.9
Vermont.....	100.0	8.5	2.1	5.3	8.5	28.7	16.0	18.1	8.5	4.3
Virginia.....	100.0	14.8	1.1	4.3	11.0	17.1	7.1	6.9	2.3	35.4

Table 9a.—Additions to Registers by Eye Examiner Discipline and State: 1967

State	Eye examiner discipline group					
	Total	Ophthalmologist or EENT M.D. ²	Other M.D.	Optometrist	Other	Unknown
MRA total.....	1 6, 130	5, 443	188	266	137	96
Connecticut.....	425	271	33	17	103	1
Georgia.....	553	466	46	22	13	6
Kansas.....	362	337	7	15	0	3
Louisiana.....	593	539	15	29	0	10
Massachusetts.....	1, 040	927	24	77	0	12
New Hampshire.....	133	96	6	20	0	11
New Jersey.....	393	377	1	7	3	5
New Mexico.....	79	61	1	2	0	15
North Carolina.....	1, 118	1, 065	21	28	2	2
Oregon.....	367	332	14	14	1	6
Rhode Island.....	129	127	0	0	2	0
South Dakota.....	70	42	2	6	1	19
Utah.....	153	138	3	6	4	2
Vermont.....	94	83	0	3	8	0
Virginia.....	621	582	15	20	0	4

¹ Includes only new additions.

² Eye-ear-nose-and-throat specialist.

Table 9b.—Percent of State Total by Eye Examiner Discipline in Additions to Registers: 1967

[Details may not add to totals due to rounding]

State	Eye examiner discipline group					
	Total	Ophthalmologist or EENT M.D. ¹	Other M. D.	Optometrist	Other	Unknown
MRA total.....	100.0	88.8	3.1	4.3	2.2	1.6
Connecticut.....	100.0	63.8	7.8	4.0	24.2	.2
Georgia.....	100.0	84.3	8.3	4.0	2.4	1.1
Kansas.....	100.0	93.1	1.9	4.1	0	.8
Louisiana.....	100.0	90.9	2.5	4.9	0	1.7
Massachusetts.....	100.0	89.1	2.3	7.4	0	1.2
New Hampshire.....	100.0	72.2	4.5	15.0	0	8.3
New Jersey.....	100.0	95.9	.3	1.8	.8	1.3
New Mexico.....	100.0	77.2	1.3	2.5	0	19.0
North Carolina.....	100.0	95.3	1.9	2.5	.2	.2
Oregon.....	100.0	90.5	3.8	3.8	.3	1.6
Rhode Island.....	100.0	98.4	0	0	1.6	0
South Dakota.....	100.0	60.0	2.9	8.6	1.4	27.1
Utah.....	100.0	90.2	2.0	3.9	2.6	1.3
Vermont.....	100.0	88.3	0	3.2	8.5	0
Virginia.....	100.0	93.7	2.4	3.2	0	.6

¹ Eye-ear-nose-and-throat specialist.

Table 10a.—Additions to Registers by Eye Examiner Discipline and Visual Acuity: 1967

Visual acuity group	Eye examiner discipline group					
	Total	Ophthalmologist or EENT M.D. ²	Other M.D.	Optometrist	Other	Unknown
MRA total.....	¹ 6, 130	5, 443	188	266	137	96
Absolute blindness.....	397	284	58	11	35	9
Light perception.....	539	465	26	28	14	6
Light projection.....	102	94	1	6	1	0
Less than 5/200.....	901	857	14	21	4	5
5/200 to less than 10/200.....	593	541	12	29	7	4
10/200 to less than 20/200.....	1, 080	991	16	59	6	8
20/200.....	1, 768	1, 600	28	94	26	20
Restricted field.....	374	361	2	2	2	7
Unknown.....	376	250	31	16	42	37

¹ Includes only new additions.

² Eye-ear-nose-and-throat specialist.

Table 10b.—Percent of Eye Examiner Discipline Totals by Visual Acuity in Additions to Registers: 1967

[Details may not add to totals due to rounding]

Visual acuity group	Eye examiner discipline group					
	Total	Ophthalmologist or EENT M.D. ¹	Other M.D.	Optometrist	Other	Unknown
MRA total.....	100.0	100.0	100.0	100.0	100.0	100.0
Absolute blindness.....	6.5	5.2	30.9	4.1	25.5	9.4
Light perception.....	8.8	8.5	13.8	10.5	10.2	6.2
Light projection.....	1.7	1.7	.5	2.3	.7	0
Less than 5/200.....	14.7	15.7	7.4	7.9	2.9	5.2
5/200 to less than 10/200.....	9.7	9.9	6.4	10.9	5.1	4.2
10/200 to less than 20/200.....	17.6	18.2	8.5	22.2	4.4	8.3
20/200.....	28.8	29.4	14.9	35.3	19.0	20.8
Restricted field.....	6.1	6.6	1.1	.8	1.5	7.3
Unknown.....	6.1	4.6	16.5	6.0	30.7	38.5

¹ Eye-ear-nose-and-throat-specialist.

Table 11a.—Additions to Registers by Affection and State: 1967

State	Affection group														
	Total	Glaucoma, not congenital	Myopia	Keratitis	Other affection of cornea or sclera	Cataract	Uveitis	Retrolental fibroplasia	Retinal degenera- tion	Other retinal affection	Optic nerve atrophy	Multiple affection	Other	Unknown	
MRA total.....	15,443	580	110	67	101	932	221	70	993	716	286	537	489	341	
Connecticut.....	271	18	9	5	5	22	8	6	50	55	14	35	31	13	
Georgia.....	466	66	6	9	12	77	25	14	48	44	27	31	45	62	
Kansas.....	337	24	0	2	2	107	8	0	63	37	15	44	17	18	
Louisiana.....	539	69	12	7	14	81	23	8	96	56	39	42	67	25	
Massachusetts.....	927	113	21	11	14	82	26	7	231	170	36	86	79	51	
New Hampshire.....	96	8	4	0	0	13	1	0	22	13	4	17	11	3	
New Jersey.....	377	31	11	4	10	43	24	14	46	53	27	35	51	28	
New Mexico.....	61	0	2	1	1	14	2	0	6	1	2	5	6	21	
North Carolina.....	1,065	136	23	10	24	302	42	8	135	99	48	108	66	64	
Oregon.....	332	32	3	4	2	54	12	3	87	41	19	37	34	4	
Rhode Island.....	127	10	4	0	3	19	4	4	26	30	5	11	7	4	
South Dakota.....	42	2	2	3	2	5	2	0	9	5	5	3	4	0	
Utah.....	138	4	0	0	0	9	5	0	56	25	7	17	8	7	
Vermont.....	83	3	1	2	1	11	3	1	24	19	3	8	5	2	
Virginia.....	582	64	12	9	11	93	36	5	94	68	35	58	58	39	

¹ Includes only new additions whose eyes were examined by ophthalmologists or eye-ear-nose-and-throat specialists. Does not include 188 additions examined by other M.D.'s, 499 additions examined by non-medical and unknown disciplines, and 207 readmissions.

Table 11b.—Percent of State Totals by Affection in Additions to Registers: 1967

[Details may not add to totals due to rounding]

State	Affection group													
	Total	Glaucoma, not congenital	Myopia	Keratitis	Other affection of cornea or sclera	Cataract	Uveitis	Retrolental fibroplasia	Retinal degenera- tion	Other retinal affection	Optic nerve atrophy	Multiple affection	Other	Unknown
MRA total.....	100.0	10.7	2.0	1.2	1.9	17.1	4.1	1.3	18.2	13.2	5.3	9.9	9.0	6.3
Connecticut.....	100.0	6.6	3.3	1.8	1.8	8.1	3.0	2.2	18.5	20.3	5.2	12.9	11.4	4.8
Georgia.....	100.0	14.2	1.3	1.9	2.6	16.5	5.4	3.0	10.3	9.4	5.8	6.7	9.7	13.3
Kansas.....	100.0	7.1	0	.6	.6	31.8	2.4	0	18.7	11.0	4.5	13.1	5.0	5.3
Louisiana.....	100.0	12.8	2.2	1.3	2.6	15.0	4.3	1.5	17.8	10.4	7.2	7.8	12.4	4.6
Massachusetts.....	100.0	12.2	2.3	1.2	1.5	8.8	2.8	.8	24.9	18.3	3.9	9.3	8.5	5.5
New Hampshire.....	100.0	8.3	4.2	0	0	13.5	1.0	0	22.9	13.5	4.2	17.7	11.5	3.1
New Jersey.....	100.0	8.2	2.9	1.1	2.7	11.4	6.4	3.7	12.2	14.1	7.2	9.3	13.5	7.4
New Mexico.....	100.0	0	3.3	1.6	1.6	23.0	3.3	0	9.8	1.6	3.3	8.2	9.8	34.4
North Carolina.....	100.0	12.8	2.2	.9	2.3	28.4	3.9	.8	12.7	9.3	4.5	10.1	6.2	6.0
Oregon.....	100.0	9.6	.9	1.2	.6	16.3	3.6	.9	26.2	12.3	5.7	11.1	10.2	1.2
Rhode Island.....	100.0	7.9	3.1	0	2.4	15.0	3.1	3.1	20.5	23.6	3.9	8.7	5.5	3.1
South Dakota.....	100.0	4.8	4.8	7.1	4.8	11.9	4.8	0	21.4	11.9	11.9	7.1	9.5	0
Utah.....	100.0	2.9	0	0	0	6.5	3.6	0	40.6	18.1	5.1	12.3	5.8	5.1
Vermont.....	100.0	3.6	1.2	2.4	1.2	13.3	3.6	1.2	28.9	22.9	3.6	9.6	6.0	2.4
Virginia.....	100.0	11.0	2.1	1.5	1.9	16.0	6.2	.9	16.2	11.7	6.0	10.0	10.0	6.7

Table 12a.—Additions to Registers by Affection and Color/Sex: 1967

Color/sex group	Affection group													
	Total	Glaucoma, not congenital	Myopia	Keratitis	Other affection of cornea or sclera	Cataract	Uveitis	Retrolental fibroplasia	Retinal degener- ation	Other retinal affection	Optic nerve atrophy	Multiple affection	Other	Unknown
MRA total.....	¹ 5, 443	580	110	67	101	932	221	70	993	716	286	537	489	341
Male.....	2, 396	248	63	29	45	392	94	40	401	298	161	173	291	161
Female.....	3, 047	332	47	38	56	540	127	30	592	418	125	364	198	180
White.....	3, 779	301	73	37	60	665	128	47	810	530	186	400	318	224
Male.....	1, 652	127	41	12	19	285	55	26	325	232	105	129	189	107
Female.....	2, 127	174	32	25	41	380	73	21	485	298	81	271	129	117
Nonwhite.....	1, 196	234	26	20	34	224	66	11	86	126	78	99	120	72
Male.....	538	101	15	11	22	88	22	7	43	39	48	34	72	36
Female.....	658	133	11	9	12	136	44	4	43	87	30	65	48	36
Unknown color.....	468	45	11	10	7	43	27	12	97	60	22	38	51	45
Male.....	206	20	7	6	4	19	17	7	33	27	8	10	30	18
Female.....	262	25	4	4	3	24	10	5	64	33	14	28	21	27

¹ Includes only new additions whose eyes were examined by ophthalmologists or eye-ear-nose-and-throat specialists. Does not include 188 additions examined by other M.D.'s, 499 additions examined by non-medical and unknown disciplines, and 207 readmissions.

Table 12b.—Percent of Color/Sex Totals by Affection in Additions to Registers: 1967

[Details may not add to totals due to rounding]

Color/sex group	Affection group													
	Total	Glaucoma, not congenital	Myopia	Keratitis	Other affection of cornea or sclera	Cataract	Uveitis	Retrolental fibroplasia	Retinal degenera- tion	Other retinal affection	Optic nerve atrophy	Multiple affection	Other	Unknown
MRA total.....	100.0	10.7	2.0	1.2	1.9	17.1	4.1	1.3	18.2	13.2	5.3	9.9	9.0	6.3
Male.....	100.0	10.4	2.6	1.2	1.9	16.4	3.9	1.7	16.7	12.4	6.7	7.2	12.1	6.7
Female.....	100.0	10.9	1.5	1.2	1.8	17.7	4.2	1.0	19.4	13.7	4.1	11.9	6.5	5.9
White.....	100.0	8.0	1.9	1.0	1.6	17.6	3.4	1.2	21.4	14.0	4.9	10.6	8.4	5.9
Male.....	100.0	7.7	2.5	.7	1.2	17.3	3.3	1.6	19.7	14.0	6.4	7.8	11.4	6.5
Female.....	100.0	8.2	1.5	1.2	1.9	17.9	3.4	1.0	22.8	14.0	3.8	12.7	6.1	5.5
Nonwhite.....	100.0	19.6	2.2	1.7	2.8	18.7	5.5	.9	7.2	10.5	6.5	8.3	10.0	6.0
Male.....	100.0	18.8	2.8	2.0	4.1	16.4	4.1	1.3	8.0	7.2	8.9	6.3	13.4	6.7
Female.....	100.0	20.2	1.7	1.4	1.8	20.7	6.7	.6	6.5	13.2	4.6	9.9	7.3	5.5
Unknown color.....	100.0	9.6	2.4	2.1	1.5	9.2	5.8	2.6	20.7	12.8	4.7	8.1	10.9	9.6
Male.....	100.0	9.7	3.4	2.9	1.9	9.2	8.3	3.4	16.0	13.1	3.9	4.9	14.6	8.7
Female.....	100.0	9.5	1.5	1.5	1.1	9.2	3.8	1.9	24.4	12.6	5.3	10.7	8.0	10.3

Table 13a.—Additions to Registers by Affection and Age: 1967

Age group	Affection group													
	Total	Glaucoma, not congenital	Myopia	Keratitis	Other affection of cornea or sclera	Cataract	Uveitis	Retrolental fibroplasia	Retinal degenera- tion	Other retinal affection	Optic nerve atrophy	Multiple affection	Other	Unknown
MRA total	15,443	580	110	67	101	932	221	70	993	716	286	537	489	341
Under 5	137	0	1	0	0	29	4	13	0	10	12	0	61	7
5-19	534	3	38	1	7	69	29	45	59	29	52	2	171	29
20-44	685	24	19	16	21	58	60	9	102	110	83	16	121	46
45-64	1,431	174	29	25	38	294	69	0	148	296	84	104	85	85
65-74	837	147	12	8	13	140	25	0	160	143	22	101	19	47
75-84	1,047	148	5	9	16	205	20	0	309	71	14	171	20	59
85 and over	523	60	2	0	4	117	4	0	157	29	5	116	2	27
Unknown	249	24	4	8	2	20	10	3	58	28	14	27	10	41

¹ Includes only new additions whose eyes were examined by ophthalmologists or eye-ear-nose-and-throat specialists. Does not include 188 additions examined by other M.D.'s, 499 additions examined by non-medical and unknown disciplines, and 207 readditions.

Table 13b.—Percent of Age Totals by Affection in Additions to Registers: 1967

[Details may not add to totals due to rounding]

Age group	Affection group													
	Total	Glaucoma, not congenital	Myopia	Keratitis	Other affection of cornea or sclera	Cataract	Uveitis	Retrolental fibroplasia	Retinal degenera- tion	Other retinal affection	Optic nerve atrophy	Multiple affection	Other	Unknown
MRA total.....	100.0	10.7	2.0	1.2	1.9	17.1	4.1	1.3	18.2	13.2	5.3	9.9	9.0	6.3
Under 5.....	100.0	0	.7	0	0	21.2	2.9	9.5	0	7.3	8.8	0	44.5	5.1
5-19.....	100.0	.6	7.1	.2	1.3	12.9	5.4	8.4	11.0	5.4	9.7	.4	32.0	5.4
20-44.....	100.0	3.5	2.8	2.3	3.1	8.5	8.8	1.3	14.9	16.1	12.1	2.3	17.7	6.7
45-64.....	100.0	12.2	2.0	1.7	2.7	20.5	4.8	0	10.3	20.7	5.9	7.3	5.9	5.9
65-74.....	100.0	17.6	1.4	1.0	1.6	16.7	3.0	0	19.1	17.1	2.6	12.1	2.3	5.6
75-84.....	100.0	14.1	.5	.9	1.5	19.6	1.9	0	29.5	6.8	1.3	16.3	1.9	5.6
85 and over.....	100.0	11.5	.4	0	.8	22.4	.8	0	30.0	5.5	1.0	22.2	.4	5.2
Unknown.....	100.0	9.6	1.6	3.2	.8	8.0	4.0	1.2	23.3	11.2	5.6	10.8	4.0	16.5

Table 14a.—Additions to Registers by Affection and Visual Acuity: 1967

Visual acuity group	Affection group													
	Total	Glaucoma, not congenital	Myopia	Keratitis	Other affection of cornea or sclera	Cataract	Uveitis	Retrolental fibroplasia	Retinal degenera- tion	Other retinal affection	Optic nerve atrophy	Multiple affection	Other	Unknown
MRA total.....	15,443	580	110	67	101	932	221	70	993	716	286	537	489	341
Absolute blindness.....	284	36	2	4	4	7	11	20	9	30	37	21	68	35
Light perception.....	465	56	1	8	10	94	14	16	28	76	37	52	42	31
Light projection.....	94	7	1	1	5	18	4	2	9	13	4	10	15	5
Less than 5/200.....	857	78	13	18	17	172	32	5	140	153	38	113	41	37
5/200 to less than 10/200.....	541	38	12	5	7	93	27	3	117	91	34	54	36	24
10/200 to less than 20/200.....	991	74	27	7	18	166	35	0	236	162	36	107	75	48
20/200.....	1,600	114	43	21	34	320	80	15	332	161	65	156	146	113
Restricted field.....	361	161	5	2	0	6	11	1	93	11	26	8	23	14
Unknown.....	250	16	6	1	6	56	7	8	29	19	9	16	43	34

¹Includes only new additions whose eyes were examined by ophthalmologists or eye-ear-nose-and-throat specialists. Does not include 188 additions examined by other M.D.'s, 499 additions examined by non-medical and unknown disciplines, and 207 readmissions.

Table 14b.—Percent of Affection Totals by Visual Acuity in Additions to Registers: 1967

[Details may not add to totals due to rounding]

Visual acuity group	Affection group													
	Total	Glaucoma, not congenital	Myopia	Keratitis	Other affection of cornea or sclera	Cataract	Uveitis	Retrolental fibroplasia	Retinal degenera- tion	Other retinal affection	Optic nerve atrophy	Multiple affection	Other	Unknown
MRA total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Absolute blindness.....	5.2	6.2	1.8	6.0	4.0	.8	5.0	28.6	.9	4.2	12.9	3.9	13.9	10.3
Light perception.....	8.5	9.7	.9	11.9	9.9	10.1	6.3	22.9	2.8	10.6	12.9	9.7	8.6	9.1
Light projection.....	1.7	1.2	.9	1.5	5.0	1.9	1.8	2.9	.9	1.8	1.4	1.9	3.1	1.5
Less than 5/200.....	15.7	13.4	11.8	26.9	16.8	18.5	14.5	7.1	14.1	21.4	13.3	21.0	8.4	10.9
5/200 to less than 10/200.....	9.9	6.6	10.9	7.5	6.9	10.0	12.2	4.3	11.8	12.7	11.9	10.1	7.4	7.0
10/200 to less than 20/200.....	18.2	12.8	24.5	10.4	17.8	17.8	15.8	0	23.8	22.6	12.6	19.9	15.3	14.1
20/200.....	29.4	19.7	39.1	31.3	33.7	34.3	36.2	21.4	33.4	22.5	22.7	29.1	29.9	33.1
Restricted field.....	6.6	27.8	4.5	3.0	0	.6	5.0	1.4	9.4	1.5	9.1	1.5	4.7	4.1
Unknown.....	4.6	2.8	5.5	1.5	5.9	6.0	3.2	11.4	2.9	2.7	3.1	3.0	8.8	10.0

Table 15a.—Additions to Registers by Etiology and State: 1967

State	Etiology group											
	Total	Infectious disease	Injury or poisoning	Neoplasm	Diabetes	Senile degeneration	Vascular disease	Other general disease	Prenatal influence	Multiple etiology	Unknown to science	Not reported or determined
MRA total.....	¹ 5, 443	150	160	76	569	1, 590	130	71	792	319	639	947
Connecticut.....	271	9	4	7	35	60	15	4	46	24	21	46
Georgia.....	466	16	18	3	29	75	8	4	79	22	74	138
Kansas.....	337	6	5	3	27	151	7	3	39	21	27	48
Louisiana.....	539	12	29	14	38	112	12	10	124	33	78	77
Massachusetts.....	927	28	14	16	141	267	24	11	107	53	125	141
New Hampshire.....	96	3	1	0	12	29	1	1	18	11	8	12
New Jersey.....	377	16	13	6	42	63	10	5	72	23	37	90
New Mexico.....	61	1	3	0	0	19	0	0	7	2	0	29
North Carolina.....	1, 065	24	26	11	91	393	17	14	108	60	145	176
Oregon.....	332	7	17	7	27	128	14	3	38	23	35	33
Rhode Island.....	127	3	7	0	30	33	3	4	19	3	10	15
South Dakota.....	42	3	1	1	5	12	2	2	4	1	2	9
Utah.....	138	2	6	2	25	63	0	0	14	5	5	16
Vermont.....	83	2	0	0	10	31	3	1	17	4	3	12
Virginia.....	582	18	16	6	57	154	14	9	100	34	69	105

¹ Includes only new additions whose eyes were examined by ophthalmologists or eye-ear-nose-and-throat specialists. Does not include 188 additions examined by other M.D.'s, 499 additions examined by non-medical and unknown disciplines, and 207 readmissions.

Table 15b.—Percent of State Totals by Etiology in Additions to Registers: 1967

[Details may not add to totals due to rounding]

State	Etiology group											
	Total	Infectious disease	Injury or poisoning	Neoplasm	Diabetes	Senile degeneration	Vascular disease	Other general disease	Prenatal influence	Multiple etiology	Unknown to science	Not reported or determined
MRA total.....	100.0	2.8	2.9	1.4	10.5	29.2	2.4	1.3	14.6	5.9	11.7	17.4
Connecticut.....	100.0	3.3	1.5	2.6	12.9	22.1	5.5	1.5	17.0	8.9	7.7	17.0
Georgia.....	100.0	3.4	3.9	.6	6.2	16.1	1.7	.9	17.0	4.7	15.9	29.6
Kansas.....	100.0	1.8	1.5	.9	8.0	44.8	2.1	.9	11.6	6.2	8.0	14.2
Louisiana.....	100.0	2.2	5.4	2.6	7.1	20.8	2.2	1.9	23.0	6.1	14.5	14.3
Massachusetts.....	100.0	3.0	1.5	1.7	15.2	28.8	2.6	1.2	11.5	5.7	13.5	15.2
New Hampshire.....	100.0	3.1	1.0	0	12.5	30.2	1.0	1.0	18.7	11.5	8.3	12.5
New Jersey.....	100.0	4.2	3.4	1.6	11.1	16.7	2.7	1.3	19.1	6.1	9.8	23.9
New Mexico.....	100.0	1.6	4.9	0	0	31.1	0	0	11.5	3.3	0	47.5
North Carolina.....	100.0	2.3	2.4	1.0	8.5	36.9	1.6	1.3	10.1	5.6	13.6	16.5
Oregon.....	100.0	2.1	5.1	2.1	8.1	38.6	4.2	.9	11.4	6.9	10.5	9.9
Rhode Island.....	100.0	2.4	5.5	0	23.6	26.0	2.4	3.1	15.0	2.4	7.9	11.8
South Dakota.....	100.0	7.1	2.4	2.4	11.9	28.6	4.8	4.8	9.5	2.4	4.8	21.4
Utah.....	100.0	1.4	4.3	1.4	18.1	45.7	0	0	10.1	3.6	3.6	11.6
Vermont.....	100.0	2.4	0	0	12.0	37.3	3.6	1.2	20.5	4.8	3.6	14.5
Virginia.....	100.0	3.1	2.7	1.0	9.8	26.5	2.4	1.5	17.2	5.8	11.9	18.0

Table 16a.—Additions to Registers by Etiology and Color/Sex: 1967

Color/sex group	Etiology group											
	Total	Infectious disease	Injury or poisoning	Neoplasm	Diabetes	Senile degeneration	Vascular disease	Other general disease	Prenatal influence	Multiple etiology	Unknown to science	Not reported or determined
MRA total.....	¹ 5, 443	150	160	76	569	1, 590	130	71	792	319	639	947
Male.....	2, 396	77	121	31	202	575	73	39	426	115	275	462
Female.....	3, 047	73	39	45	367	1, 015	57	32	366	204	364	485
White.....	3, 779	84	95	55	416	1, 253	100	42	555	236	337	606
Male.....	1, 652	37	75	21	162	455	59	23	299	86	144	291
Female.....	2, 127	47	20	34	254	798	41	19	256	150	193	315
Nonwhite.....	1, 196	39	59	17	116	232	20	19	155	59	249	231
Male.....	538	20	43	10	27	85	10	10	87	22	106	118
Female.....	658	19	16	7	89	147	10	9	68	37	143	113
Unknown color.....	468	27	6	4	37	105	10	10	82	24	53	110
Male.....	206	20	3	0	13	35	4	6	40	7	25	53
Female.....	262	7	3	4	24	70	6	4	42	17	28	57

¹ Includes only new additions whose eyes were examined by ophthalmologists or eye-ear-nose-and-throat specialists. Does not include 188 additions examined by other M.D.'s, 499 additions examined by non-medical and unknown disciplines, and 207 readmissions.

Table 16b.—Percent of Color/Sex Totals by Etiology in Additions to Registers: 1967

[Details may not add to totals due to rounding]

Color/sex group	Etiology group											
	Total	Infectious disease	Injury or poisoning	Neoplasm	Diabetes	Senile degeneration	Vascular disease	Other general disease	Prenatal influence	Multiple etiology	Unknown to science	Not reported or determined
MRA total.....	100.0	2.8	2.9	1.4	10.5	29.2	2.4	1.3	14.6	5.9	11.7	17.4
Male.....	100.0	3.2	5.1	1.3	8.4	24.0	3.0	1.6	17.8	4.8	11.5	19.3
Female.....	100.0	2.4	1.3	1.5	12.0	33.3	1.9	1.1	12.0	6.7	11.9	15.9
White.....	100.0	2.2	2.5	1.5	11.0	33.2	2.6	1.1	14.7	6.2	8.9	16.0
Male.....	100.0	2.2	4.5	1.3	9.8	27.5	3.6	1.4	18.1	5.2	8.7	17.6
Female.....	100.0	2.2	.9	1.6	11.9	37.5	1.9	.9	12.0	7.1	9.1	14.8
Nonwhite.....	100.0	3.3	4.9	1.4	9.7	19.4	1.7	1.6	13.0	4.9	20.8	19.3
Male.....	100.0	3.7	8.0	1.9	5.0	15.8	1.9	1.9	16.2	4.1	19.7	21.9
Female.....	100.0	2.9	2.4	1.1	13.5	22.3	1.5	1.4	10.3	5.6	21.7	17.2
Unknown color.....	100.0	5.8	1.3	.9	7.9	22.4	2.1	2.1	17.5	5.1	11.3	23.5
Male.....	100.0	9.7	1.5	0	6.3	17.0	1.9	2.9	19.4	3.4	12.1	25.7
Female.....	100.0	2.7	1.1	1.5	9.2	26.7	2.3	1.5	16.0	6.5	10.7	21.8

Table 17a.—Additions to Registers by Etiology and Age: 1967

Age group	Etiology group											
	Total	Infectious disease	Injury or poisoning	Neoplasm	Diabetes	Senile degeneration	Vascular disease	Other general disease	Prenatal influence	Multiple etiology	Unknown to science	Not reported or determined
MRA total.....	¹ 5, 443	150	160	76	569	1, 590	130	71	792	319	639	947
Under 5.....	137	29	10	9	0	0	0	4	72	0	1	12
5-19.....	534	29	25	23	2	0	3	10	311	1	16	114
20-44.....	685	38	56	17	86	7	8	26	211	8	47	181
45-64.....	1, 431	38	50	22	271	328	38	18	128	62	183	293
65-74.....	837	4	9	1	128	296	32	4	32	56	152	123
75-84.....	1, 047	7	7	0	51	556	38	4	17	111	151	105
85 and over.....	523	0	0	0	12	331	6	0	3	64	61	46
Unknown.....	249	5	3	4	19	72	5	5	18	17	28	73

¹ Includes only new additions whose eyes were examined by ophthalmologists or eye-ear-nose-and-throat specialists. Does not include 188 additions examined by other M.D.'s, 499 additions examined by non-medical and unknown disciplines, and 207 readmissions.

Table 17b.—Percent of Age Totals by Etiology in Additions to Registers: 1967

[Details may not add to totals due to rounding]

Age group	Etiology group											
	Total	Infectious disease	Injury or poisoning	Neoplasm	Diabetes	Senile degeneration	Vascular disease	Other general disease	Prenatal influence	Multiple etiology	Unknown to science	Not reported or determined
MRA total.....	100.0	2.8	2.9	1.4	10.5	29.2	2.4	1.3	14.6	5.9	11.7	17.4
Under 5.....	100.0	21.2	7.3	6.6	0	0	0	2.9	52.6	0	.7	8.8
5-19.....	100.0	5.4	4.7	4.3	.4	0	.6	1.9	58.2	.2	3.0	21.3
20-44.....	100.0	5.5	8.2	2.5	12.6	1.0	1.2	3.8	30.8	1.2	6.9	26.4
45-64.....	100.0	2.7	3.5	1.5	18.9	22.9	2.7	1.3	8.9	4.3	12.8	20.5
65-74.....	100.0	.5	1.1	.1	15.3	35.4	3.8	.5	3.8	6.7	18.2	14.7
75-84.....	100.0	.7	.7	0	4.9	53.1	3.6	.4	1.6	10.6	14.4	10.0
85 and over.....	100.0	0	0	0	2.3	63.3	1.1	0	.6	12.2	11.7	8.8
Unknown.....	100.0	2.0	1.2	1.6	7.6	28.9	2.0	2.0	7.2	6.8	11.2	29.3

Table 18a.—Additions to Registers by Etiology and Visual Acuity: 1967

Visual acuity group	Etiology group											
	Total	Infectious disease	Injury or poisoning	Neoplasm	Diabetes	Senile degeneration	Vascular disease	Other general disease	Prenatal influence	Multiple etiology	Unknown to science	Not reported or determined
MRA total.....	15,443	150	160	76	569	1,590	130	71	792	319	639	947
Absolute blindness.....	284	9	46	14	18	9	12	6	35	16	36	83
Light perception	465	18	28	12	57	93	16	5	50	35	59	92
Light projection.....	94	2	9	2	11	22	3	1	14	9	8	13
Less than 5/200.....	857	19	17	9	127	292	27	7	68	58	86	147
5/200 to less than 10/200.....	541	15	13	9	85	191	11	6	60	33	41	77
10/200 to less than 20/200	991	22	12	5	133	358	22	11	124	67	91	146
20/200.....	1,600	45	22	10	123	565	26	25	265	84	137	298
Restricted field.....	361	4	8	11	5	8	12	7	103	7	162	34
Unknown.....	250	16	5	4	10	52	1	3	73	10	19	57

¹ Includes only new additions whose eyes were examined by ophthalmologists or eye-ear-nose-and-throat specialists. Does not include 188 additions examined by other M.D.'s, 499 additions examined by non-medical and unknown disciplines, and 207 readmissions.

Table 18b.—Percent of Etiology Totals by Visual Acuity in Additions to Registers: 1967

[Details may not add to totals due to rounding]

Visual acuity group	Etiology group											
	Total	Infectious disease	Injury or poisoning	Neoplasm	Diabetes	Senile degeneration	Vascular disease	Other general disease	Prenatal influence	Multiple etiology	Unknown to science	Not reported or determined
MRA total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Absolute blindness.....	5.2	6.0	28.7	18.4	3.2	.6	9.2	8.5	4.4	5.0	5.6	8.8
Light perception.....	8.5	12.0	17.5	15.8	10.0	5.8	12.3	7.0	6.3	11.0	9.2	9.7
Light projection.....	1.7	1.3	5.6	2.6	1.9	1.4	2.3	1.4	1.8	2.8	1.3	1.4
Less than 5/200.....	15.7	12.7	10.6	11.8	22.3	18.4	20.8	9.9	8.6	18.2	13.5	15.5
5/200 to less than 10/200.....	9.9	10.0	8.1	11.8	14.9	12.0	8.5	8.5	7.6	10.3	6.4	8.1
10/200 to less than 20/200.....	18.2	14.7	7.5	6.6	23.4	22.5	16.9	15.5	15.7	21.0	14.2	15.4
20/200.....	29.4	30.0	13.7	13.2	21.6	35.5	20.0	35.2	33.5	26.3	21.4	31.5
Restricted field.....	6.6	2.7	5.0	14.5	.9	.5	9.2	9.9	13.0	2.2	25.4	3.6
Unknown.....	4.6	10.7	3.1	5.3	1.8	3.3	.8	4.2	9.2	3.1	3.0	6.0

Table 19a.—Additions to Registers by Etiology and Affection: 1967

Affection group	Etiology group											
	Total	Infectious disease	Injury or poisoning	Neoplasm	Diabetes	Senile degeneration	Vascular disease	Other general diseases	Prenatal influence	Multiple etiology	Unknown to science	Not reported or determined
MRA total.....	1 5, 443	150	160	76	569	1, 590	130	71	792	319	639	947
Glaucoma, not congenital.....	580	0	0	0	0	0	0	0	0	0	580	0
Myopia.....	110	0	0	0	0	0	0	0	44	0	0	66
Keratitis.....	67	47	1	0	0	0	0	0	0	0	2	17
Other affection of cornea or sclera.....	101	0	18	2	0	6	0	6	9	0	22	38
Cataract.....	932	27	2	0	0	² 743	0	2	112	0	0	46
Uveitis.....	221	47	11	0	0	0	0	7	13	0	2	141
Retrolental fibroplasia.....	70	0	17	0	0	0	0	0	0	0	0	53
Retinal degeneration.....	993	0	5	0	0	682	0	0	252	0	32	22
Other retinal affection.....	716	4	3	11	487	36	64	3	23	0	1	84
Optic nerve atrophy.....	286	5	29	40	3	0	16	37	38	0	0	118
Multiple affection.....	537	1	0	0	73	123	0	0	0	319	0	21
Other.....	489	16	67	20	0	0	36	15	288	0	0	47
Unknown.....	341	3	7	3	6	0	14	1	13	0	0	294

¹Includes only new additions whose eyes were examined by ophthalmologists or eye-ear-nose-and-throat specialists. Does not include 188 additions examined by other M.D.'s, 499 additions examined by non-medical and unknown disciplines, and 207 readmissions.

²Includes 59 cases of senile-type cataract in diabetic persons.

Table 19b.—Percent of MRA Total by Etiology and Affection in Additions to Registers: 1967

[Details may not add to totals due to rounding]

Affection group	Etiology group											
	Total	Infectious disease	Injury or poisoning	Neoplasm	Diabetes	Senile degeneration	Vascular disease	Other general disease	Prenatal influence	Multiple etiology	Unknown to science	Not reported or determined
MRA total.....	100.0	2.8	2.9	1.4	10.5	29.2	2.4	1.3	14.6	5.9	11.7	17.4
Glaucoma, not congenital.....	10.7	0	0	0	0	0	0	0	0	0	10.7	0
Myopia.....	2.0	0	0	0	0	0	0	0	.8	0	0	1.2
Keratitis.....	1.2	.9	0.0	0	0	0	0	0	0	0	0.0	.3
Other affection of cornea or sclera.....	1.9	0	.3	0.0	0	.1	0	.1	.2	0	.4	.7
Cataract.....	17.1	.5	0.0	0	0	13.7	0	0.0	2.1	0	0	.8
Uveitis.....	4.1	.9	.2	0	0	0	0	.1	.2	0	0.0	2.6
Retrolental fibroplasia.....	1.3	0	.3	0	0	0	0	0	0	0	0	1.0
Retinal degeneration.....	18.2	0	.1	0	0	12.5	0	0	4.6	0	.6	.4
Other retinal affection.....	13.2	.1	.1	.2	8.9	.7	1.2	.1	.4	0	0.0	1.5
Optic nerve atrophy.....	5.3	.1	.5	.7	.1	0	.3	.7	.7	0	0	2.2
Multiple affection.....	9.9	0	0.0	0	1.3	2.3	0	0	0	5.9	0	.4
Other.....	9.0	.3	1.2	.4	0	0	.7	.3	5.3	0	0	.9
Unknown.....	6.3	.1	.1	.1	.1	0	.3	0.0	.2	0	0	5.4

Table 20a.—Additions to Registers by Etiology and Multiple Affection: 1967

[The figures in a column do not add to the column total because multiple affection groups are not mutually exclusive]

Multiple affection group	Etiology group											
	Total	Infectious disease	Injury or poisoning	Neoplasm	Diabetes	Senile degeneration	Vascular disease	Other general disease	Prenatal influence	Multiple etiology	Unknown to science	Not reported or determined
MRA total.....	¹ 537	1	0	0	73	123	0	0	0	319	0	21
Glaucoma and other ²	217	0	0	0	0	0	0	0	0	217	0	0
Cataract and other ²	420	0	0	0	73	123	0	0	0	211	0	13
Retinal affection and other with diabetic etiology ²	92	0	0	0	73	0	0	0	0	19	0	0
Retinal affection and other without diabetic etiology ²	229	0	0	0	0	115	0	0	0	107	0	7
Degenerative myopia and other.....	31	0	0	0	0	0	0	0	0	26	0	5
Other.....	4	1	0	0	0	0	0	0	0	1	0	2

¹ The total includes only those persons whose eyes were examined by ophthalmologists or eye-ear-nose-and-throat specialists.

² Excludes degenerative myopia and other.

Table 20b.—Percent of MRA Total by Etiology and Multiple Affection in Additions to Registers: 1967

[The figures in a column do not add to the column total because multiple affection groups are not mutually exclusive]

Multiple affection group	Etiology group											
	Total	Infectious disease	Injury or poisoning	Neoplasm	Diabetes	Senile degeneration	Vascular disease	Other general disease	Prenatal influence	Multiple etiology	Unknown to science	Not reported or determined
MRA total.....	9.9	0.0	0	0	1.3	2.3	0	0	0	5.9	0	.4
Glaucoma and other ¹	4.0	0	0	0	0	0	0	0	0	4.0	0	0
Cataract and other ¹	7.7	0	0	0	1.3	2.3	0	0	0	3.9	0	.2
Retinal affection and other with diabetic etiology ¹	² 1.7	0	0	0	1.3	0	0	0	0	.3	0	0
Retinal affection and other without diabetic etiology ¹	4.2	0	0	0	0	2.1	0	0	0	2.0	0	.1
Degenerative myopia and other.....	.6	0	0	0	0	0	0	0	0	.5	0	.1
Other.....	² .1	0.0	0	0	0	0	0	0	0	0.0	0	0.0

¹ Excludes degenerative myopia and other.

² The details in this line do not add to total due to rounding.

Table 21a.—Removals from Registers by Removal Reason and State: 1967

State	Why persons were removed from MRA register					
	Total	Death	Left state	Sight restored	Unable to locate	Other
MRA total.....	5, 787	3, 539	597	637	924	90
Connecticut.....	313	239	48	20	6	0
Georgia.....	306	188	43	55	5	15
Kansas.....	654	472	61	81	29	11
Louisiana.....	436	257	54	106	14	5
Massachusetts.....	608	545	25	13	19	6
New Hampshire.....	95	77	10	8	0	0
New Jersey.....	283	137	58	62	24	2
New Mexico.....	49	18	7	7	16	1
North Carolina.....	1, 056	761	52	175	44	24
Oregon.....	287	171	65	40	7	4
Rhode Island.....	72	58	6	4	0	4
South Dakota.....	92	73	11	1	0	7
Utah.....	105	74	26	4	0	1
Vermont.....	70	46	9	14	1	0
Virginia.....	1, 361	423	122	47	759	10

Table 21b.—Percent of State Totals by Removal Reason in Removals from Registers: 1967

[Details may not add to totals due to rounding]

State	Why persons were removed from MRA register					
	Total	Death	Left state	Sight restored	Unable to locate	Other
MRA total.....	100.0	61.2	10.3	11.0	16.0	1.6
Connecticut.....	100.0	76.4	15.3	6.4	1.9	0
Georgia.....	100.0	61.4	14.1	18.0	1.6	4.9
Kansas.....	100.0	72.2	9.3	12.4	4.4	1.7
Louisiana.....	100.0	58.9	12.4	24.3	3.2	1.1
Massachusetts.....	100.0	89.6	4.1	2.1	3.1	1.0
New Hampshire.....	100.0	81.1	10.5	8.4	0	0
New Jersey.....	100.0	48.4	20.5	21.9	8.5	.7
New Mexico.....	100.0	36.7	14.3	14.3	32.7	2.0
North Carolina.....	100.0	72.1	4.9	16.6	4.2	2.3
Oregon.....	100.0	59.6	22.6	13.9	2.4	1.4
Rhode Island.....	100.0	80.6	8.3	5.6	0	5.6
South Dakota.....	100.0	79.3	12.0	1.1	0	7.6
Utah.....	100.0	70.5	24.8	3.8	0	1.0
Vermont.....	100.0	65.7	12.9	20.0	1.4	0
Virginia.....	100.0	31.1	9.0	3.5	55.8	.7

Table 22a.—Population in Registers by Age and Color/Sex: December 31, 1967

Color/sex group	Age group								Unknown
	Total	Under 5	5-19	20-44	45-64	65-74	75-84	85 and over	
MRA total.....	61, 548	390	6, 051	10, 089	16, 748	10, 167	9, 857	6, 431	1, 815
Male.....	30, 070	224	3, 385	5, 859	8, 984	4, 791	3, 904	2, 120	803
Female.....	31, 478	166	2, 666	4, 230	7, 764	5, 376	5, 953	4, 311	1, 012
White.....	45, 563	244	4, 558	7, 539	11, 390	7, 231	8, 012	5, 527	1, 062
Male.....	22, 144	142	2, 532	4, 459	6, 257	3, 379	3, 134	1, 782	459
Female.....	23, 419	102	2, 026	3, 080	5, 133	3, 852	4, 878	3, 745	603
Nonwhite.....	13, 838	89	1, 059	2, 407	5, 067	2, 734	1, 633	741	108
Male.....	6, 901	51	608	1, 316	2, 577	1, 312	687	291	59
Female.....	6, 937	38	451	1, 091	2, 490	1, 422	946	450	49
Unknown color.....	2, 147	57	434	143	291	202	212	163	645
Male.....	1, 025	31	245	84	150	100	83	47	285
Female.....	1, 122	26	189	59	141	102	129	116	360

Table 22b.—Rates for Population in Registers by Age and Color/Sex: December 31, 1967

(A rate for a color or sex for an age group is equal to 100,000 times the number of such persons in MRA registers divided by the number of such persons in the MRA states.)

Color/sex group	Age group							
	Total	Under 5	5-19	20-44	45-64	65-74	75-84	85 and over
MRA total.....	146. 4	8. 1	51. 8	73. 9	203. 3	416. 5	962. 6	3, 062. 4
Male.....	145. 4	9. 2	57. 2	87. 5	224. 8	432. 0	901. 6	2, 683. 5
Female.....	147. 3	7. 0	46. 4	60. 8	183. 0	403. 6	1, 007. 3	3, 290. 8
White.....	125. 9	(**)	46. 8	63. 4	155. 8	330. 3	861. 5	2, 924. 3
Male.....	124. 1	(**)	51. 1	76. 0	176. 0	340. 3	803. 6	2, 545. 7
Female.....	127. 6	(**)	42. 4	51. 2	136. 6	322. 1	903. 3	3, 147. 1
Nonwhite.....	236. 5	(**)	54. 6	136. 1	548. 4	1, 084. 9	1, 737. 2	(—)
Male.....	243. 3	(**)	62. 7	158. 0	585. 7	1, 131. 0	1, 597. 7	(—)
Female.....	230. 1	(**)	46. 4	116. 7	514. 5	1, 045. 6	1, 854. 9	(—)

— Not computed because MRA had less than 25,000 nonwhites whose age was 85 and over, including sighted and blind persons.

**Not computed because color was unknown for more than 10 percent of the persons in the MRA registers whose age was under 5.

Table 23a.—Population in Registers by Color/Sex and State: December 31, 1967

State	Color/sex group											
	MRA total			White			Nonwhite			Unknown color		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
MRA total.....	61, 548	30, 070	31, 478	45, 563	22, 144	23, 419	13, 838	6, 901	6, 937	2, 147	1, 025	1, 122
Connecticut.....	3, 522	1, 661	1, 861	3, 223	1, 520	1, 703	251	120	131	48	21	27
Georgia.....	5, 312	2, 687	2, 625	2, 574	1, 334	1, 240	2, 496	1, 225	1, 271	242	128	114
Kansas.....	3, 031	1, 391	1, 640	2, 631	1, 180	1, 451	298	155	143	102	56	46
Louisiana.....	6, 306	3, 418	2, 888	3, 346	1, 817	1, 529	2, 939	1, 589	1, 350	21	12	9
Massachusetts.....	10, 120	4, 590	5, 530	9, 245	4, 208	5, 037	325	155	170	550	227	323
New Hampshire.....	1, 096	526	570	1, 086	520	566	7	4	3	3	2	1
New Jersey.....	7, 441	3, 652	3, 789	5, 616	2, 751	2, 865	1, 225	586	639	600	315	285
New Mexico.....	2, 561	1, 392	1, 169	2, 383	1, 285	1, 098	175	105	70	3	2	1
North Carolina.....	10, 514	4, 962	5, 552	6, 246	3, 009	3, 237	4, 257	1, 948	2, 309	11	5	6
Oregon.....	2, 577	1, 279	1, 298	2, 414	1, 181	1, 233	71	44	27	92	54	38
Rhode Island.....	1, 146	535	611	1, 068	505	563	45	14	31	33	16	17
South Dakota.....	899	481	418	703	365	338	186	112	74	10	4	6
Utah.....	1, 300	592	708	1, 274	573	701	26	19	7	0	0	0
Vermont.....	719	313	406	717	312	405	2	1	1	0	0	0
Virginia.....	5, 004	2, 591	2, 413	3, 037	1, 584	1, 453	1, 535	824	711	432	183	249

Table 23b.—Rates for Population in Registers by Color/Sex and State: December 31, 1967

(A rate for a color or sex within a state is equal to 100,000 times the number of such persons in the MRA register divided by the number of such persons in the state.)

State	Color/sex group								
	MRA total			White			Nonwhite		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
MRA total.....	146.4	145.4	147.3	125.9	124.1	127.6	236.5	243.3	230.1
Connecticut.....	120.7	116.0	125.2	115.5	111.0	119.9	196.1	190.5	201.5
Georgia.....	118.3	122.5	114.3	80.2	84.2	76.4	194.7	201.5	188.6
Kansas.....	132.9	122.9	142.7	120.9	109.3	132.4	283.8	298.1	275.0
Louisiana.....	172.2	190.8	154.3	134.5	148.2	121.3	249.9	281.2	220.9
Massachusetts.....	186.2	174.9	196.8	174.4	164.5	183.6	246.2	234.8	253.7
New Hampshire.....	158.6	155.2	161.9	157.8	153.8	161.7	(—)	(—)	(—)
New Jersey.....	106.6	106.8	106.4	88.1	88.0	88.2	201.8	200.0	203.5
New Mexico.....	255.6	275.6	235.2	258.2	275.8	240.3	221.5	269.2	175.0
North Carolina.....	207.8	198.9	216.5	165.5	160.8	170.0	331.3	312.2	349.8
Oregon.....	130.1	129.7	130.5	124.4	122.5	126.3	173.2	(—)	(—)
Rhode Island.....	127.2	121.0	133.1	121.5	117.2	125.7	(—)	(—)	(—)
South Dakota.....	134.6	142.3	126.7	109.7	112.7	106.6	688.9	(—)	(—)
Utah.....	127.2	115.9	138.6	127.0	114.4	139.6	(—)	(—)	(—)
Vermont.....	171.2	151.2	190.6	171.1	151.5	190.1	(—)	(—)	(—)
Virginia.....	110.2	114.3	106.1	84.4	88.1	80.8	162.6	176.4	149.1

— Not computed because the State had less than 25,000 such people, including sighted and blind persons.

Table 24a.—Population in Registers by Age and State: December 31, 1967

State	Age group								
	Total	Under 5	5-19	20-44	45-64	65-74	75-84	85 and over	Unknown
MRA total.....	61, 548	390	6, 051	10, 089	16, 748	10, 167	9, 857	6 , 431	1, 815
Connecticut.....	3, 522	38	522	569	848	525	594	394	32
Georgia.....	5, 312	6	344	1, 132	2, 272	873	373	110	202
Kansas.....	3, 031	14	272	406	692	458	653	530	6
Louisiana.....	6, 306	42	550	1, 157	2, 197	1, 203	719	330	108
Massachusetts.....	10, 120	73	914	1, 472	2, 247	1, 805	1, 996	1, 204	409
New Hampshire.....	1, 096	19	146	140	219	181	192	169	30
New Jersey.....	7, 441	53	1, 004	1, 179	1, 982	1, 227	1, 083	758	155
New Mexico.....	2, 561	3	115	311	383	345	542	453	409
North Carolina.....	10, 514	65	921	1, 747	2, 935	1, 826	1, 821	1, 196	3
Oregon.....	2, 577	29	274	391	580	353	534	394	22
Rhode Island.....	1, 146	13	132	208	317	202	171	93	10
South Dakota.....	899	6	85	141	196	166	167	118	20
Utah.....	1, 300	2	121	201	224	176	327	247	2
Vermont.....	719	6	62	113	184	114	135	103	2
Virginia.....	5, 004	21	589	922	1, 472	713	550	332	405

Table 24b.—Rates for Population in Registers by Age and State: December 31, 1967

(A rate for an age group within a state is equal to 100,000 times the number of such people in the MRA register divided by the state's population in this category.)

State	Age group							
	Total	Under 5	5-19	20-44	45-64	65-74	75-84	85 and over
MRA total.....	146. 4	8. 1	51. 8	73. 9	203. 3	416. 5	962. 6	3, 062. 4
Connecticut.....	120. 7	11. 9	70. 9	58. 8	137. 9	279. 3	781. 6	(—)
Georgia.....	118. 3	1. 1	25. 5	77. 4	279. 8	393. 2	409. 9	(—)
Kansas.....	132. 9	5. 4	44. 5	57. 3	153. 1	291. 7	837. 2	(—)
Louisiana.....	172. 2	8. 8	49. 5	101. 5	329. 9	664. 6	958. 7	(—)
Massachusetts.....	186. 2	12. 6	66. 9	85. 9	191. 7	458. 1	1, 160. 5	3, 168. 4
New Hampshire.....	158. 6	25. 3	79. 8	66. 4	152. 1	369. 4	(—)	(—)
New Jersey.....	106. 6	7. 2	58. 1	50. 3	130. 1	276. 4	640. 8	2, 368. 7
New Mexico.....	255. 6	(*)	(*)	(*)	(*)	(*)	(*)	(*)
North Carolina.....	207. 8	11. 1	59. 1	104. 2	328. 3	780. 3	1, 916. 8	(—)
Oregon.....	130. 1	13. 9	49. 9	65. 2	138. 4	261. 5	905. 1	(—)
Rhode Island.....	127. 2	13. 8	57. 9	71. 2	164. 2	325. 8	657. 7	(—)
South Dakota.....	134. 6	7. 3	43. 8	72. 7	153. 1	360. 9	(—)	(—)
Utah.....	127. 2	1. 4	37. 1	63. 0	137. 4	391. 1	(—)	(—)
Vermont.....	171. 2	12. 8	52. 1	92. 6	216. 5	393. 1	(—)	(—)
Virginia.....	110. 2	4. 0	45. 3	58. 9	179. 5	325. 6	591. 4	(—)

— Not computed because the State had less than 25,000 such people, including sighted and blind persons.

* Not computed because age was unknown for more than 10 percent of the persons in the State register.

Table 25a.—Population in Registers by Visual Acuity and State: December 31, 1967

State	Visual acuity group									
	Total	Absolute blindness	Light perception	Light projection	Less than 5/200	5/200 to less than 10/200	10/200 to less than 20/200	20/200	Restricted field	Unknown
MRA total.....	61, 548	7, 098	7, 252	704	9, 575	5, 811	9, 129	13, 213	3, 519	5, 247
Connecticut.....	3, 522	408	366	70	501	314	374	775	180	534
Georgia.....	5, 312	897	778	113	931	499	647	1, 001	272	174
Kansas.....	3, 031	407	337	39	454	311	517	757	131	78
Louisiana.....	6, 306	839	719	145	1, 213	435	940	1, 169	650	196
Massachusetts.....	10, 120	832	879	79	1, 502	1, 139	2, 061	2, 420	622	586
New Hampshire.....	1, 096	114	114	6	174	88	203	257	58	82
New Jersey.....	7, 441	935	1, 063	98	992	945	1, 014	1, 492	432	470
New Mexico.....	2, 561	228	373	9	330	183	193	566	25	654
North Carolina.....	10, 514	1, 044	1, 272	71	1, 812	834	1, 509	2, 428	534	1, 010
Oregon.....	2, 577	311	321	8	407	249	517	563	195	6
Rhode Island.....	1, 146	145	139	9	172	111	151	220	62	137
South Dakota.....	899	112	100	12	73	77	102	128	35	260
Utah.....	1, 300	73	88	7	161	113	258	287	23	290
Vermont.....	719	78	91	9	102	62	102	154	69	52
Virginia.....	5, 004	675	612	29	751	451	541	996	231	718

Table 25b.—Percent of State Totals by Visual Acuity for Population in Registers: December 31, 1967

[Details may not add to totals due to rounding]

State	Visual acuity group									
	Total	Absolute blindness	Light perception	Light projection	Less than 5/200	5/200 to less than 10/200	10/200 to less than 20/200	20/200	Restricted field	Unknown
MRA total.....	100.0	11.5	11.8	1.1	15.6	9.4	14.8	21.5	5.7	8.5
Connecticut.....	100.0	11.6	10.4	2.0	14.2	8.9	10.6	22.0	5.1	15.2
Georgia.....	100.0	16.9	14.6	2.1	17.5	9.4	12.2	18.8	5.1	3.3
Kansas.....	100.0	13.4	11.1	1.3	15.0	10.3	17.1	25.0	4.3	2.6
Louisiana.....	100.0	13.3	11.4	2.3	19.2	6.9	14.9	18.5	10.3	3.1
Massachusetts.....	100.0	8.2	8.7	.8	14.8	11.3	20.4	23.9	6.1	5.8
New Hampshire.....	100.0	10.4	10.4	.5	15.9	8.0	18.5	23.4	5.3	7.5
New Jersey.....	100.0	12.6	14.3	1.3	13.3	12.7	13.6	20.1	5.8	6.3
New Mexico.....	100.0	8.9	14.6	.4	12.9	7.1	7.5	22.1	1.0	25.5
North Carolina.....	100.0	9.9	12.1	.7	17.2	7.9	14.4	23.1	5.1	9.6
Oregon.....	100.0	12.1	12.5	.3	15.8	9.7	20.1	21.8	7.6	.2
Rhode Island.....	100.0	12.7	12.1	.8	15.0	9.7	13.2	19.2	5.4	12.0
South Dakota.....	100.0	12.5	11.1	1.3	8.1	8.6	11.3	14.2	3.9	28.9
Utah.....	100.0	5.6	6.8	.5	12.4	8.7	19.8	22.1	1.8	22.3
Vermont.....	100.0	10.8	12.7	1.3	14.2	8.6	14.2	21.4	9.6	7.2
Virginia.....	100.0	13.5	12.2	.6	15.0	9.0	10.8	19.9	4.6	14.3

Table 26a.—Population in Registers by Visual Acuity and Color/Sex: December 31, 1967

Color/sex group	Visual acuity group									
	Total	Absolute blindness	Light perception	Light projection	Less than 5/200	5/200 to less than 10/200	10/200 to less than 20/200	20/200	Restricted field	Unknown
MRA total.....	61, 548	7, 098	7, 252	704	9, 575	5, 811	9, 129	13, 213	3, 519	5, 247
Male.....	30, 070	3, 687	3, 456	337	4, 633	2, 790	4, 246	6, 377	1, 973	2, 571
Female.....	31, 478	3, 411	3, 796	367	4, 942	3, 021	4, 883	6, 836	1, 546	2, 676
White.....	45, 563	4, 764	5, 012	482	6, 817	4, 428	7, 199	10, 316	2, 443	4, 102
Male.....	22, 144	2, 518	2, 422	232	3, 254	2, 106	3, 309	4, 920	1, 383	2, 000
Female.....	23, 419	2, 246	2, 590	250	3, 563	2, 322	3, 890	5, 396	1, 060	2, 102
Nonwhite.....	13, 838	2, 157	2, 047	211	2, 525	1, 177	1, 555	2, 371	984	811
Male.....	6, 901	1, 074	940	101	1, 285	587	778	1, 176	544	416
Female.....	6, 937	1, 083	1, 107	110	1, 240	590	777	1, 195	440	395
Unknown color.....	2, 147	177	193	11	233	206	375	526	92	334
Male.....	1, 025	95	94	4	94	97	159	281	46	155
Female.....	1, 122	82	99	7	139	109	216	245	46	179

Table 26b.—Percent of Color/Sex Totals by Visual Acuity for Population in Registers: December 31, 1967

[Details may not add to totals due to rounding]

Color/sex group	Visual acuity group									
	Total	Absolute blindness	Light perception	Light projection	Less than 5/200	5/200 to less than 10/200	10/200 to less than 20/200	20/200	Restricted field	Unknown
MRA total.....	100.0	11.5	11.8	1.1	15.6	9.4	14.8	21.5	5.7	8.5
Male.....	100.0	12.3	11.5	1.1	15.4	9.3	14.1	21.2	6.6	8.6
Female.....	100.0	10.8	12.1	1.2	15.7	9.6	15.5	21.7	4.9	8.5
White.....	100.0	10.5	11.0	1.1	15.0	9.7	15.8	22.6	5.4	9.0
Male.....	100.0	11.4	10.9	1.0	14.7	9.5	14.9	22.2	6.2	9.0
Female.....	100.0	9.6	11.1	1.1	15.2	9.9	16.6	23.0	4.5	9.0
Nonwhite.....	100.0	15.6	14.8	1.5	18.2	8.5	11.2	17.1	7.1	5.9
Male.....	100.0	15.6	13.6	1.5	18.6	8.5	11.3	17.0	7.9	6.0
Female.....	100.0	15.6	16.0	1.6	17.9	8.5	11.2	17.2	6.3	5.7
Unknown color.....	100.0	8.2	9.0	.5	10.9	9.6	17.5	24.5	4.3	15.6
Male.....	100.0	9.3	9.2	.4	9.2	9.5	15.5	27.4	4.5	15.1
Female.....	100.0	7.3	8.8	.6	12.4	9.7	19.3	21.8	4.1	16.0

Table 27a.—Population in Registers by Visual Acuity and Age: December 31, 1967

Age group	Visual acuity group									
	Total	Absolute blindness	Light perception	Light projection	Less than 5/200	5/200 to less than 10/200	10/200 to less than 20/200	20/200	Restricted field	Unknown
MRA total.....	61,548	7,098	7,252	704	9,575	5,811	9,129	13,213	3,519	5,247
Under 5.....	390	75	81	12	20	7	14	13	1	167
5-19.....	6,051	976	758	53	499	387	770	1,625	90	893
20-44.....	10,089	1,312	1,198	107	1,323	858	1,490	2,450	631	720
45-64.....	16,748	2,078	2,002	223	2,887	1,630	2,421	3,200	1,390	917
65-74.....	10,167	1,147	1,299	118	1,882	987	1,470	1,953	706	605
75-84.....	9,857	907	1,109	99	1,709	1,085	1,579	2,191	458	720
85 and over.....	6,431	488	675	81	1,094	716	1,109	1,400	167	701
Unknown.....	1,815	115	130	11	161	141	276	381	76	524

Table 27b.—Percent of Age Totals by Visual Acuity for Population in Registers: December 31, 1967

[Details may not add to totals due to rounding]

Age group	Visual acuity group									
	Total	Absolute blindness	Light perception	Light projection	Less than 5/200	5/200 to less than 10/200	10/200 to less than 20/200	20/200	Restricted field	Unknown
MRA total.....	100.0	11.5	11.8	1.1	15.6	9.4	14.8	21.5	5.7	8.5
Under 5.....	100.0	19.2	20.8	3.1	5.1	1.8	3.6	3.3	.3	42.8
5-19.....	100.0	16.1	12.5	.9	8.2	6.4	12.7	26.9	1.5	14.8
20-44.....	100.0	13.0	11.9	1.1	13.1	8.5	14.8	24.3	6.3	7.1
45-64.....	100.0	12.4	12.0	1.3	17.2	9.7	14.5	19.1	8.3	5.5
65-74.....	100.0	11.3	12.8	1.2	18.5	9.7	14.5	19.2	6.9	6.0
75-84.....	100.0	9.2	11.3	1.0	17.3	11.0	16.0	22.2	4.6	7.3
85 and over.....	100.0	7.6	10.5	1.3	17.0	11.1	17.2	21.8	2.6	10.9
Unknown.....	100.0	6.3	7.2	.6	8.9	7.8	15.2	21.0	4.2	28.9

Table 28.—Rate of Additions to Registers by Year and State: 1962-67

(Addition rate for a year is equal to 100,000 times the additions to the register that year divided by the State's population on year's last day.)

State	Addition rate for					
	1962	1963	1964	1965	1966	1967
MRA total.....	16.3	15.6	16.5	15.8	15.3	15.1
Connecticut.....	11.0	12.7	13.5	11.8	14.0	14.8
Georgia.....	(¹)	(¹)	(¹)	(¹)	(²)	12.3
Kansas.....	19.7	18.0	17.9	16.7	16.7	16.9
Louisiana.....	14.8	12.7	23.2	11.9	10.5	17.2
Massachusetts.....	18.5	18.9	17.9	18.4	18.7	19.2
New Hampshire.....	21.7	20.7	19.3	19.8	21.2	20.4
New Jersey.....	11.7	9.0	8.7	10.2	9.2	6.0
New Mexico.....	(¹)	(¹)	(²)	17.6	³ 6.7	8.0
North Carolina.....	22.0	23.0	25.6	25.6	23.3	23.5
Oregon.....	(¹)	14.5	24.6	24.4	23.0	18.9
Rhode Island.....	11.3	13.1	10.8	10.5	8.8	14.7
South Dakota.....	(¹)	(¹)	(¹)	(²)	17.1	10.6
Utah.....	(¹)	(¹)	(¹)	15.2	14.8	15.2
Vermont.....	30.2	25.2	19.6	19.8	19.2	22.4
Virginia.....	(¹)	(¹)	9.1	11.9	14.2	14.0

¹ Not a member of MRA in this year.

² Not available.

³ Register inactive from June through December.

Table 29.—Rate for Population in Registers by Year and State: December 31, 1962-67

(A State's rate for a year is equal to 100,000 times the population in the register divided by the State's population.)

State	Rate as of December 31					
	1962	1963	1964	1965	1966	1967
MRA total.....	161.2	150.7	150.2	149.4	146.7	146.4
Connecticut.....	120.7	123.2	115.7	115.1	118.2	120.7
Georgia.....	(¹)	(¹)	(¹)	(¹)	113.7	118.3
Kansas.....	138.9	142.4	145.2	145.2	145.0	132.9
Louisiana.....	221.8	166.1	179.3	169.3	168.9	172.2
Massachusetts.....	174.1	178.2	177.1	181.2	180.3	186.2
New Hampshire.....	171.2	175.2	165.7	154.4	155.0	158.6
New Jersey.....	102.8	103.3	103.1	109.2	105.7	106.6
New Mexico.....	(¹)	(¹)	285.0	257.0	252.7	255.6
North Carolina.....	220.8	210.1	212.0	204.9	208.7	207.8
Oregon.....	(¹)	112.7	115.9	120.3	126.2	130.1
Rhode Island.....	114.5	115.9	116.5	123.1	120.9	127.2
South Dakota.....	(¹)	(¹)	(¹)	125.2	135.6	134.6
Utah.....	(¹)	(¹)	(¹)	120.7	124.1	127.2
Vermont.....	188.4	165.4	168.9	167.3	169.1	171.2
Virginia.....	(¹)	(¹)	108.6	120.0	128.4	110.2

¹ Not a member of MRA in this year.

Table 30a.—Estimated Population of MRA by Age and Color/Sex: 1967

[Details may not add to totals due to rounding]

Color/sex group	Age group (in thousands)							
	Total	Under 5	5-19	20-44	45-64	65-74	75-84	85 and over
MRA total.....	42,052	4,812	11,672	13,654	8,238	2,441	1,024	210
Male.....	20,681	2,444	5,921	6,699	3,996	1,109	433	79
Female.....	21,371	2,368	5,751	6,956	4,242	1,332	591	131
White.....	36,201	3,962	9,732	11,886	7,313	2,189	930	189
Male.....	17,845	2,019	4,952	5,866	3,556	993	390	70
Female.....	18,356	1,943	4,780	6,020	3,758	1,196	540	119
Nonwhite.....	5,851	850	1,941	1,769	924	252	94	22
Male.....	2,836	425	969	833	440	116	43	9
Female.....	3,015	425	971	935	484	136	51	12

Source: Bureau of the Census current population reports, series P-25, No. 414, January 28, 1969. The figures include persons in the Armed Forces stationed in each State but exclude Armed Forces overseas.

Table 30b.—Estimated Population of MRA by Color/Sex and State: 1967

[Details may not add to totals due to rounding]

State	Color/sex group (in thousands)								
	MRA total			White			Nonwhite		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
MRA total.....	42, 052	20, 681	21, 371	36, 201	17, 845	18, 356	5, 851	2, 836	3, 015
Connecticut.....	2, 918	1, 432	1, 486	2, 790	1, 369	1, 420	128	63	65
Georgia.....	4, 490	2, 193	2, 297	3, 208	1, 585	1, 623	1, 282	608	674
Kansas.....	2, 281	1, 132	1, 149	2, 176	1, 080	1, 096	105	52	52
Louisiana.....	3, 663	1, 791	1, 872	2, 487	1, 226	1, 261	1, 176	565	611
Massachusetts.....	5, 434	2, 624	2, 810	5, 302	2, 558	2, 743	132	66	67
New Hampshire.....	691	339	352	688	338	350	3	2	1
New Jersey.....	6, 981	3, 420	3, 561	6, 374	3, 127	3, 247	607	293	314
New Mexico.....	1, 002	505	497	923	466	457	79	39	40
North Carolina.....	5, 059	2, 495	2, 564	3, 774	1, 871	1, 904	1, 285	624	660
Oregon.....	1, 981	986	995	1, 940	964	976	41	21	20
Rhode Island.....	901	442	459	879	431	448	22	11	11
South Dakota.....	668	338	330	641	324	317	27	14	13
Utah.....	1, 022	511	511	1, 003	501	502	19	10	9
Vermont.....	420	207	213	419	206	213	1	0	0
Virginia.....	4, 541	2, 266	2, 275	3, 597	1, 798	1, 799	944	467	477

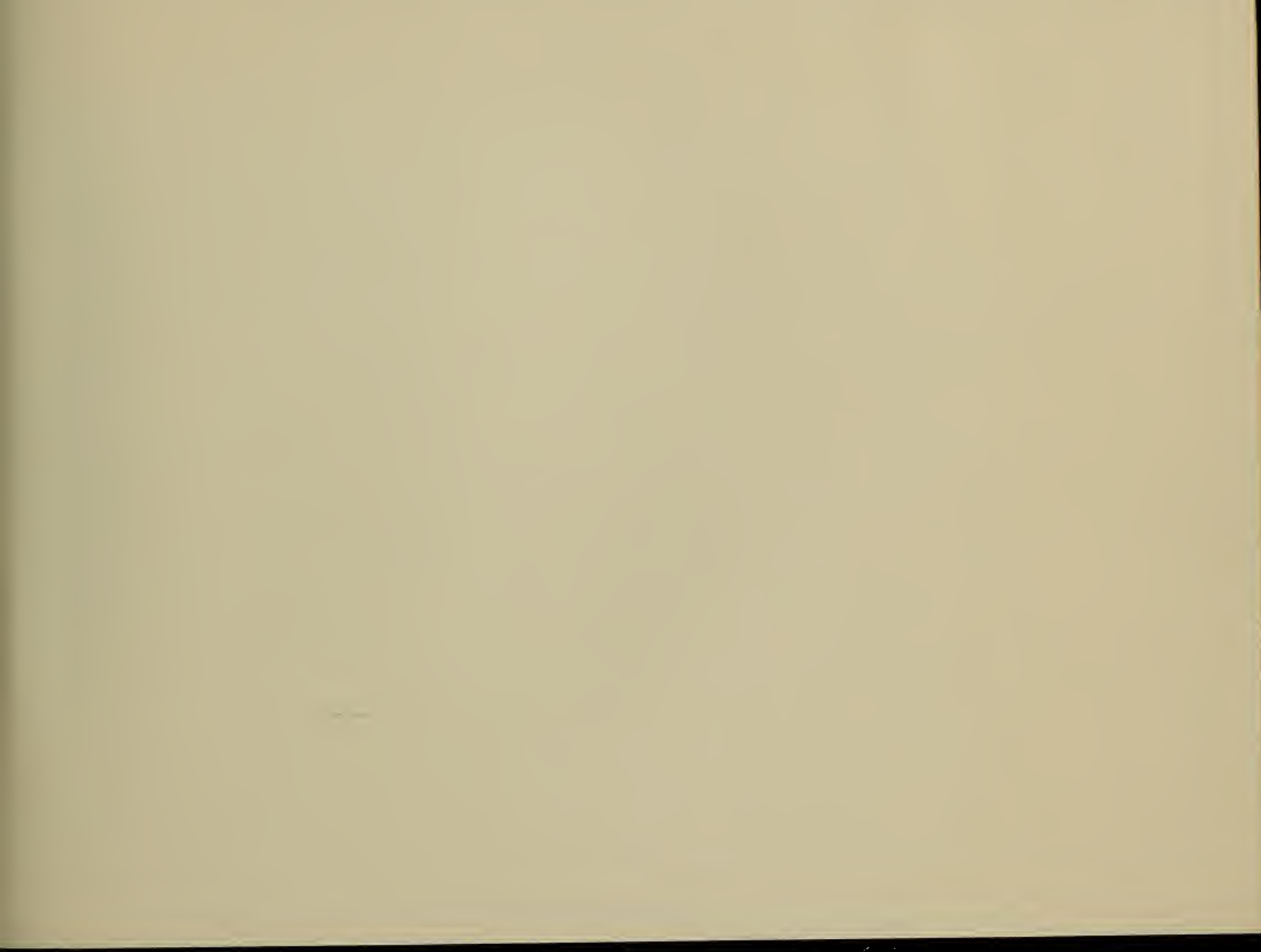
Source: Bureau of the Census current population reports, series P-25, No. 414, January 28, 1969. The figures include persons in the Armed Forces stationed in each state but exclude Armed Forces overseas.

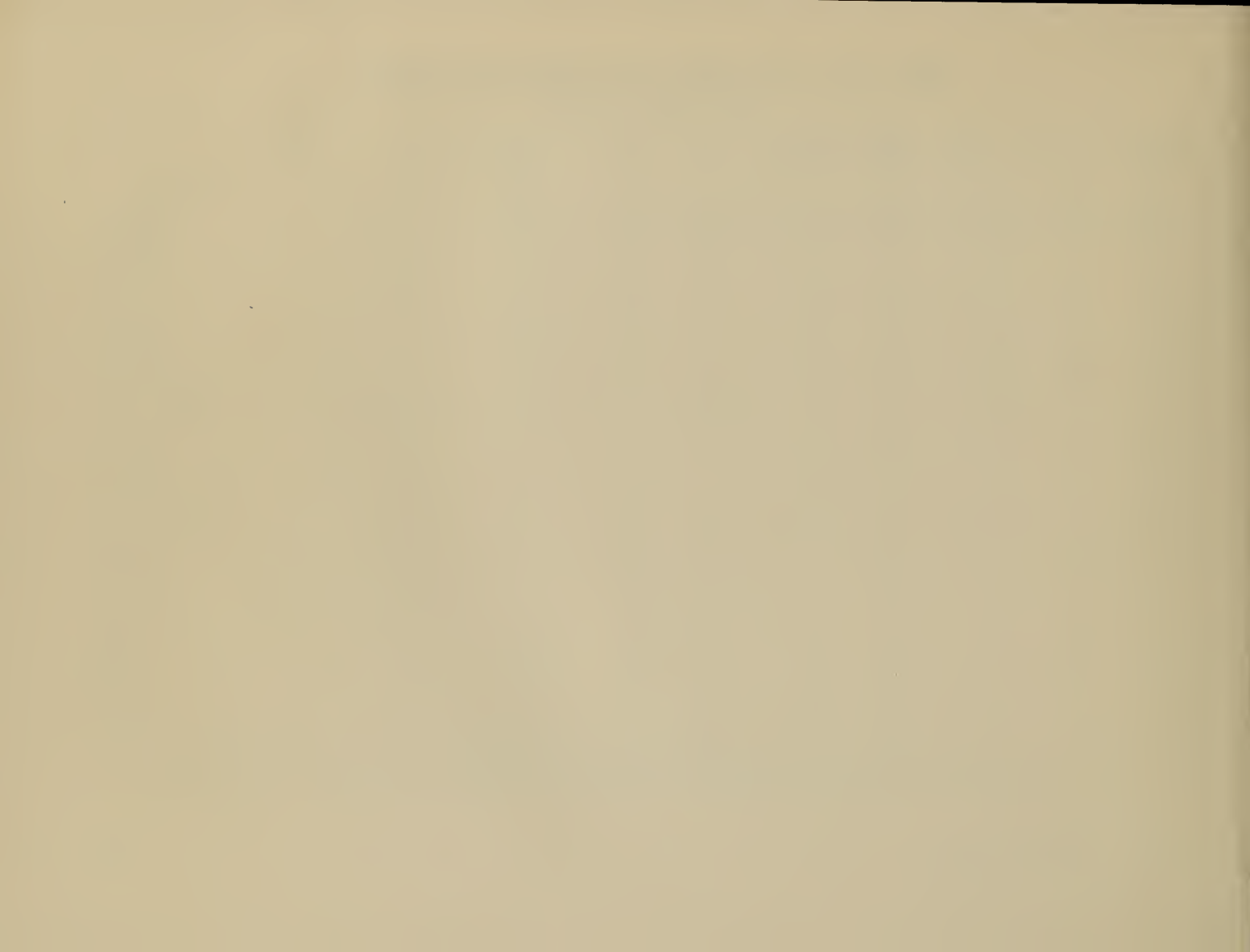
Table 30c.—Estimated Population of MRA by Age and State: 1967

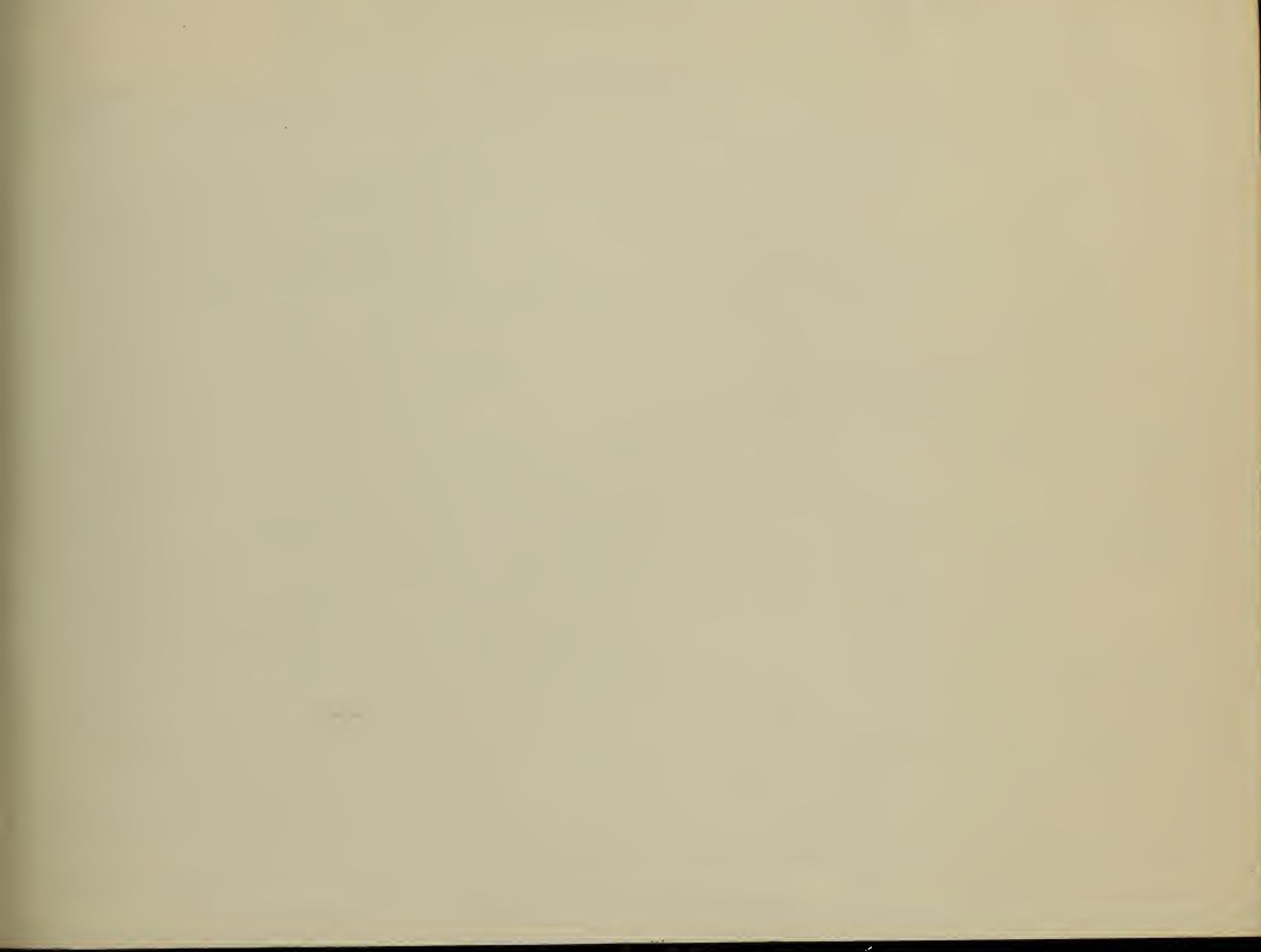
[Details may not add to totals due to rounding].

State	Age group (in thousands)							
	Total	Under 5	5-19	20-44	45-64	65-74	75-84	85 and over
MRA total.....	42, 052	4, 812	11, 672	13, 654	8, 238	2, 441	1, 024	210
Connecticut.....	2, 918	320	736	967	615	188	76	16
Georgia.....	4, 490	537	1, 348	1, 463	812	222	91	18
Kansas.....	2, 281	258	611	709	452	157	78	17
Louisiana.....	3, 663	475	1, 110	1, 140	666	181	75	16
Massachusetts.....	5, 434	579	1, 366	1, 714	1, 172	394	172	38
New Hampshire.....	691	75	183	211	144	49	23	5
New Jersey.....	6, 981	739	1, 729	2, 344	1, 524	444	169	32
New Mexico.....	1, 002	143	317	336	151	37	14	3
North Carolina.....	5, 059	585	1, 558	1, 676	894	234	95	18
Oregon.....	1, 981	208	549	600	419	135	59	11
Rhode Island.....	901	94	228	292	193	62	26	5
South Dakota.....	668	82	194	194	128	46	20	4
Utah.....	1, 022	145	326	319	163	45	20	4
Vermont.....	420	47	119	122	85	29	15	3
Virginia.....	4, 541	525	1, 299	1, 566	820	219	93	19

Source: Bureau of the Census current population reports, series P-25, No. 414, January 28, 1969. The figures include persons in the Armed Forces stationed in each state but exclude Armed Forces overseas.







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